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Annual Report of the Board of Education

Bloomfield, New Jersey
1922

THE INDEPENDENT PRESS



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REPORT OF SUPERINTENDENT

OFFICE OF SUPERINTENDENT OF SCHOOLS,

BLOOMFIELD, N. J., JUNE 30, 1922.

Board of Education:

LADIES AND GENTLEMEN: The annual report of the Superintendent of Schools is herewith respectfully submitted:

Enrollment and Attendance.

A comparison of the enrollment for the year just ended with that of last year shows a considerable increase, the net gain being 396, thus making the total enrollment on June 30, 1922, 4,697. The increase is marked and is probably due to three causes:

1. Many of the children who were below the compulsory school age last year, whose parents neglected to have them vaccinated, have had this matter attended to and entered school since it opened last September.

2. The unexpected closing of St. Valentine's School made it necessary for us to supply school facilities for almost 150 additional children in the Brookside district.

3. The normal increase in the population of the city brought with it a proportionate increase in our school population.

The increase in enrollment has brought with it an increase in attendance, the total number of days being 698,000, this being an increase of 44,000 over the attendance of last year. This increase is a very substantial one and would have been considerably larger had some of the schools escaped contagions of measles, mumps and whooping-cough.

The enrollment of the Evening School shows a decrease of 83 when compared with the enrollment of last year, but the total attendance shows a loss of only 986 days. Notwithstanding the decrease in enrollment the percentage of attendance for the year just closed shows decided improvement and represents a gain of about 10 per cent. over that of the preceding year.

Additional Accommodations.

A tentative building program was discussed in last year's annual report but after giving the matter further consideration

it was decided that the interests of all the pupils concerned would be best served by building additions to certain elementary schools first.

Since 1916, when the Park School was remodeled, building activities have been completely discontinued. In the meantime the town has been growing larger and the number of school children increasing accordingly. The total enrollment of children recorded in June of that year was 3,933, but at the present time the enrollment stands at 4,697, an increase of 1,304. These figures indicate strongly the needs which the Board of Education started to meet May fifteenth of the current year, when it awarded contracts for six-room additions to the Brookside, Fairview and Watsessing Schools. It is hoped that these additions will be completed before the mid-year promotions are made next February, so that overcrowded conditions can be relieved and part-time classes eliminated in the grades of these schools. Temporary relief will also be given to the overcrowded conditions in the High School, where we have been accommodating an enrollment of 610 pupils with 515 classroom seats. This relief will probably be obtained by accommodating temporarily some of the seventh grades that are now housed at the Park School in the new additions, thus making it possible to take care of a few High School classes in the Park building. But with a growing town, an outlook for eighteen or twenty classes on part time for the coming half year and a badly crowded High School, the eighteen new rooms now being constructed will bring only temporary relief as indicated above. It is evident, then, that the Board of Education practiced commendable foresight when it included in its general building program which was adopted at a meeting held during the past winter, provision for an addition to the High School in the near future. At the same meeting it was also decided to erect a building for the accommodation of the opportunity classes now being conducted in school auditoriums or rented rooms. Plans for this building are now being prepared by the architect.

Compulsory Education.

The number of visits to homes made by the attendance officer shows a decrease. Last year about 1,400 visits were recorded as against 1,300 for this year. This decrease may be fairly

taken as an indication of a falling off in the practice of truancy and is the more strongly indicated when we take into consideration the increase of this year's enrollment over that of last year by about 400 pupils. Seventy-four age and schooling certificates have been issued, an increase of 21 over the number issued last year. The change in economic conditions is probably responsible for this increase. The number of legal notices served was 41, just one less than the number served a year ago.

Twenty-two cases, including ten from the County Continuation School, have been taken to court. Nineteen of these were handled by the local court and the balance by the Juvenile Court in Newark. The large number of cases successfully disposed of by our local judge speaks well for the efficiency of the local institution. Attention is called to the fact that ten of the twenty-two court cases came from the County Continuation School, the offenses being committed by pupils who are residents of Bloomfield but who are no longer under the direct jurisdiction of the local Board of Education. It might be well to note that it is a part of the duty of our local attendance officer to look after cases of truancy committed by the Continuation School pupils.

High School.

As a rule high schools all over the country are reporting unusual increases in enrollment and our school is certainly no exception to this rule. The total number of pupils whose names appear on our high school records for the year reaches 704. It is true that this figure includes the names of some who were transferred from the Park School in February but leaving their names out of consideration the net enrollment stands at 610 as against 515 for last year. We have avoided the use of part-time classes by using laboratories and drawing rooms for home classrooms and recitation rooms. Classes working under these conditions are a bit handicapped, but the spirit of co-operation among the pupils and teachers has been commendable and helped in achieving a net result in promotions which we believe will compare favorably with the records made by other high schools.

The number graduated during the year reached a total of 55, this being 22 less than the number graduated last year. It should be remembered though that these graduating classes entered the

High School during a period of the World War when unusual inducements were being offered young people in the business world and for other services.

Present information indicates that about 45 per cent. of the number graduated are expecting to enter colleges but only about 10 per cent. will study to become teachers. Compared with last year there is a large increase in the percentage of pupils expecting to enter colleges, but the percentage expecting to become grade teachers remains exactly the same. The greater part of the balance of the graduates will enter some phase of business life.

Park School.

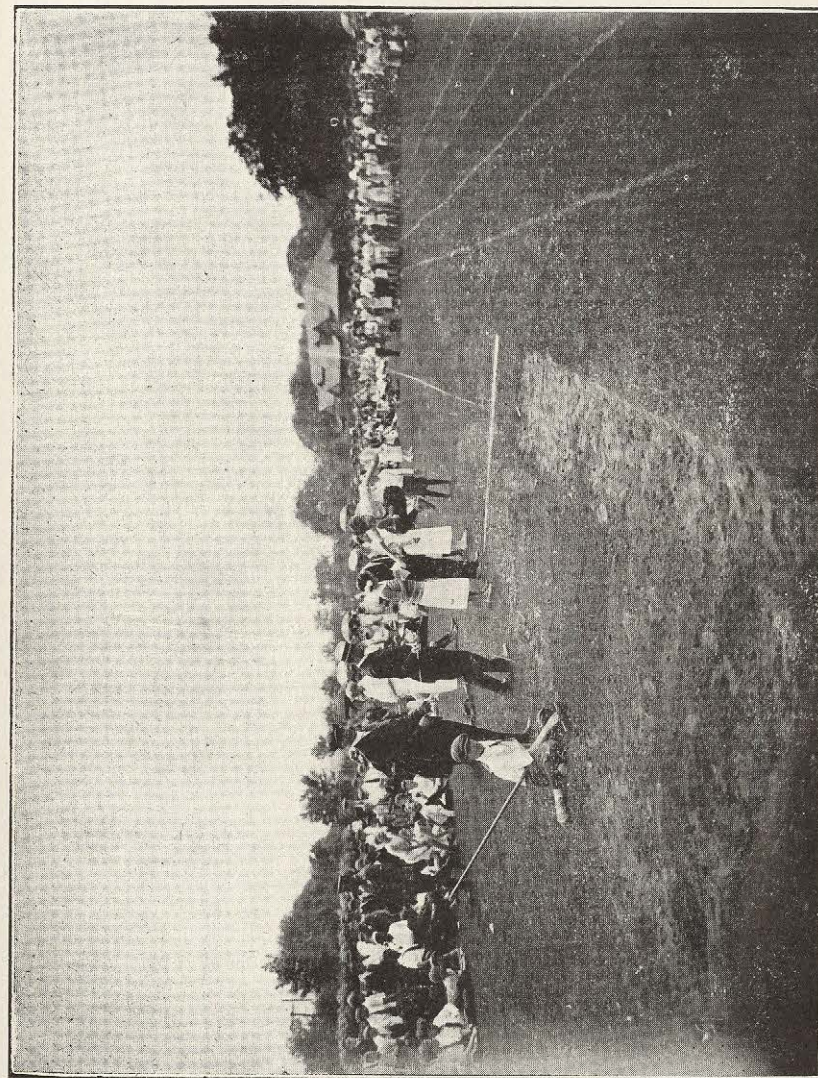
We feel that the Park School has passed well through the experimental stage and that our ideals and practices for the work of this institution have been well defined and pretty well established. Consequently, the year just closed has been one marked by a program of work and accomplishment. Both pupils and teachers have worked earnestly and are deserving of commendation.

Including the January and June classes over two hundred pupils have completed the work of the eighth grade and nearly 90 per cent. of these boys and girls have passed on to the High School.

During the winter months the High School gymnasium was placed at the disposal of the Park pupils on Saturday mornings. This privilege was much appreciated and good use made of the opportunity. Voluntary assistance from some of the Park School teachers helped to make this innovation a success.

Elementary Schools.

Contagious diseases have probably been the most distracting feature connected with the work of the elementary grades. In some cases the inroad made upon attendance by contagion and quarantine has reached 50 per cent. of the enrollment of the class. This state of affairs naturally interferes seriously with the progress of the class and in some instances has undoubtedly been responsible for the non-promotion of some of the pupils. Notwithstanding these handicaps the work has been so carefully watched and guided by the teachers and supervisors that much that was



ANNUAL FIELD MEET ELEMENTARY GRADES—RUNNING BROAD JUMP.

lost on account of enforced absence has been regained and the net result of the year's work may be pronounced satisfactory.

These schools have made it a point to hold appropriate exercises on special days. On Arbor Day in some of them these exercises took the form of planting a tree in memory of the boys, formerly pupils in the school, who had lost their lives in the World War. The trees used on these occasions were presented by the Town Improvement Association.

In some of these schools a special health drive has been conducted, the object of the drive being to secure a closer and better co-operation on the part of the parents in conserving the health of the children. In the main, satisfactory results have been attained and real progress noted. In still other schools considerable study has been given to the Project Method of teaching and this plan has been adapted to certain phases of school work in a more or less conservative way.

Standard Tests.

A conservative use of Standard Tests in measuring the work of pupils and teachers has been continued in the elementary grades and helpful results obtained. A somewhat detailed report concerning the use of these tests will be made under another heading by the Supervisor of Elementary Grades.

Evening School.

The statistics given in a preceding paragraph indicate a revival of interest in education on the part of our Evening School pupils, this revival being reflected quite strongly by the increase in the percentage of attendance. Stated in another way it means that the Evening School pupils were much more attentive to their work than they were last year. This statement is also substantiated by the fact that with the smaller number of pupils enrolled more certificates were granted this year than ever before.

In accordance with our policy of organizing a class in a new subject when a reasonable number of pupils have expressed a desire for instruction along the new line, a class in radio work was organized. It proved very popular and was one of our best attended classes.

The gymnasium classes for men and women feeling the need

of physical exercises of some kind were continued throughout the term and proved to be popular with the young men and young women of our town. The class in chemistry was also reorganized and was open to students every night during the term. The work in this class was somewhat varied and was closely correlated with the work done by its members during the day. For example, the young women who were studying to be nurses were given courses that helped them to prepare for their examinations to become registered nurses.

The work of teaching foreigners the English language and the ideals of American citizenship was carried on with success and a number of men assisted in securing citizenship papers.

Summer School.

During the summer of 1921 two schools were established as an experiment. One of these schools was organized in the High School building and was conducted for the purpose of giving high school pupils an opportunity to make up work in which they had failed during the year. The other was organized in the Park School for the purpose of giving seventh and eighth grade pupils an opportunity to make up work in which they had failed during the year.

A large percentage of the pupils whose records were marred by a failure to complete one or more subjects satisfactorily decided to embrace this opportunity. Of the High School pupils who took up the work about 90 per cent. earned the full credit for the subject taken and in many cases were thus enabled to return to their regular grades in the fall. The results accomplished in the Park School classes were about the same. Teachers from both schools reported a fine attitude on the part of the pupils toward the work they were doing. It was stated that they seemed to realize that they had very definite tasks set for them and that they responded to the situation in such a way as to put the work across in a creditable manner in almost every case.

These schools are to be continued for the summer of 1922 and provision made for the VI A grade pupils who have failed to complete all their work.

Drawing, Manual Training and Domestic Science.

Ten years ago the chief aim of the course in drawing in our schools was the development of artistic taste. Perfection of the production from the artistic point of view was the main purpose of the work. During the last decade and especially during the latter half of the decade a great change in the purpose of the art work or drawing has been developed. We have come to realize that drawing can be connected in a practical way with the everyday life of the child and of the community. In other words we are aiming to make the work in drawing practical. Almost every problem presented to the child as a part of his class work is related in some way to his environment. This change in the purpose of the work tends to develop in the child an artistic impulse rather than a set of prescribed theoretical artistic ideals. This impulse carries over to the practical side of life, for example, by teaching the girls an appreciation for proper color schemes in selecting dresses, proper lines for different types of figure, such as the tall and short girl, and the proper expression of ideas in posters for advertising various school and local events. This work is begun in the lower grades and continued through the High School by those who wish to elect it and because of its close connection with the real tangible things of life is becoming more and more popular.

We feel, too, that we are in close competition in a commercial way with countries like Japan and Germany, where for years this practical side of the work has been developed in the schools and that if we are going to successfully compete with these people with our manufactured articles of various kinds, we must develop this practical side of this work with our boys and girls.

As one indication of the trend of our work along practical lines, attention is called to the cover design of the annual report. It was worked out by one of our High School boys—Cardwell S. Higgins.

The change in our policy regarding drawing is leading to another quality of citizenship that we hear much discussed in these days; namely, the feature of service. We believe it is not an exaggeration to state that during the course of the year hundreds of posters advertising events connected with the school and

the community are made by the school children. A great deal of this work is done outside of regular school hours, both teachers and pupils being willing to give freely of their own time for the benefit of others. This work, it seems to us, is a good preparation for a life of greater community service later on.

Changes have also been made in our Manual Training work, having in mind a better adaptation of the work to the grade, interest and ability of the boys and a closer correlation with other school subjects, thus having the pupil derive a greater amount of benefit from this subject.

The following paragraphs from a report of the Director of Shop Work explains some of the other objectives attained:

"Considerable repair work has been done and many articles of furniture made for the schools. These include 10 tables, 14 kindergarten tables, 1 set "Hill" kindergarten blocks 1 kindergarten rocking board, 6 milk boxes, 16 soccer and jumping poles, 18 charts framed, 3 medicine cabinets, 4 lunch cabinets, chinning bar apparatus, several window boxes and numerous small articles.

"The boys in the eighth grade have been taken in groups to the Museum of Natural History to study woods and other things of interest.

"Special mention should be made this year of the work done on wireless. Several sets have been completed and numerous parts made, such as cabinets, panels, loose couplers, rotars, stat-ors, tuning coils, etc.

"In one school a new project has been started, in an attempt to correlate the manual work with all of the academic subjects, from the kindergarten to the seventh grade. A miniature house is under construction which will be furnished and decorated; all of the plans, cost, construction, etc., to be worked out by the pupils of the school in general. Intense interest is being shown and splendid results are anticipated.

"The work in mechanical drawing has proceeded along the usual lines. Two new text books have been used which aid the pupils in obtaining a broader and more practical knowledge of the work."

The employment of a dietitian to take charge of the school lunch serving has enabled the Director of Domestic Science to

return to her regular school work on full time for the first time since she began her special war activities. Regular classes in sewing and cooking have been reorganized in the High School and a renewed interest in these activities is making itself evident.

School Lunches.

The experiment of serving the pupils of the Park School and High School with lunches during the school year ending June 30, 1921, proved so popular and so successful that it was decided to extend the scope of the plan. During the summer vacation of 1921 a plant was installed in the basement of the High School enabling us to serve a regular cafeteria luncheon. The policy has been adopted of serving a fair-sized, nutritious and healthful portion at cost. The warm dishes that have been added to the menus have proved attractive to the pupils, especially during the winter months. A sample menu follows:

Cream of Celery Soup	\$.06
Roast Beef .....	.12
Mashed Potato and Gravy .....	.06
Scalloped Cauliflower .....	.06
Raisin and Nut Sandwich .....	.06
Fruit Salad .....	.12
Chocolate Cake .....	.06
Apricot Charlotte .....	.06
Ice Cream .....	.12
Cocoa or Milk .....	.06
Rolls and Butter .....	.06

The dietitian in charge of the lunch room reports that in the main the lunches have been selected with wisdom and have been well balanced. A table showing the number of portions served each week up to May 26th follows:

Week	Days Served	Aver. Sales
September 13-16	4	818½
September 19-23	5	829
September 26-30	5	867
October 3- 7	5	836
October 10-14	5	836
October 17-21	5	846
October 24-28	5	846
October 31-November 4	5	862
November 7-10	4	801
November 14-18	5	829

November 21-23	3	797
November 28-December 2	5	768
December 5- 9	5	744
December 12-16	5	764
December 19-23	5	714
January 3- 6	4	837 $\frac{3}{4}$
January 9-13	5	735
January 16-20	5	738
January 23-27	5	451
January 30-February 3	5	819
February 6-10	5	794
February 14-17	4	745
February 20-24	4	782
February 27-March 3	5	733
March 6-10	5	798
March 13-17	5	747
March 20-24	5	792
March 27-31	5	739
April 3- 7	5	693
April 17-21	5	699
April 24-28	5	691
May 1- 5	5	757
May 8-12	5	695
May 15-19	5	650
May 22-26	5	709

Physical Training.

The State Monograph has been made the guide for conducting the work of this department. The supervisor reports that much emphasis has been placed on the playing of games and in trying by this means to develop a spirit of fair play and good sportsmanship.

In the preparation for the Athletic Meet which was held June 1st at Watsessing Park every child above the third grade took part. The Meet was held for the first time last year, but its popularity with the pupils and parents seems to be increasing and augurs well for its continuance as a permanent annual event. The possibilities for the development of better qualities of courtesy and sportsmanship are many and this feature of the event alone seems to justify the time spent in preparation.

A representative of the State Physical Training Department paid us a visit during the winter, inspected our work and placed his stamp of approval on what was being done.

Health Crusade and Nutrition Work.

The hearty continued co-operation of the Anti-Tuberculosis Committee of the League of Friendly Service has enabled us not only to continue the Health and Nutrition Work but to extend it as well.

The amount of milk consumed by the children during the year amounted to about 136 barrels as compared with the 50 barrels consumed last year. This factor alone indicates a decided improvement in the health conditions of the pupil.

Under another heading will be found the interesting and comprehensive report of the Nutrition Worker, which gives many details of interest and significance.

Home Garden and Poultry Work.

The work of the Supervisor of Home Gardens has varied but little from the work outlined last year. During the winter months his entire time is spent in the classrooms of grades five to eight inclusive giving instruction in the elementary principles of gardening and poultry raising. During the late spring, the summer and early fall his time is spent in visiting the home gardens of the school children and advising with them regarding their work. He is also called upon by many of the adult citizens to give advice and assistance with garden work, spraying trees, etc. In addition to these activities he is frequently called upon for advice of a practical nature over the telephone.

During the month of September the School Fair was held in the Berkeley School auditoriums. This event was well attended by the parents of the children and the citizens of the town and is described in an impartial and fair manner by the following editorial which is quoted from the Independent Press of September 23rd:

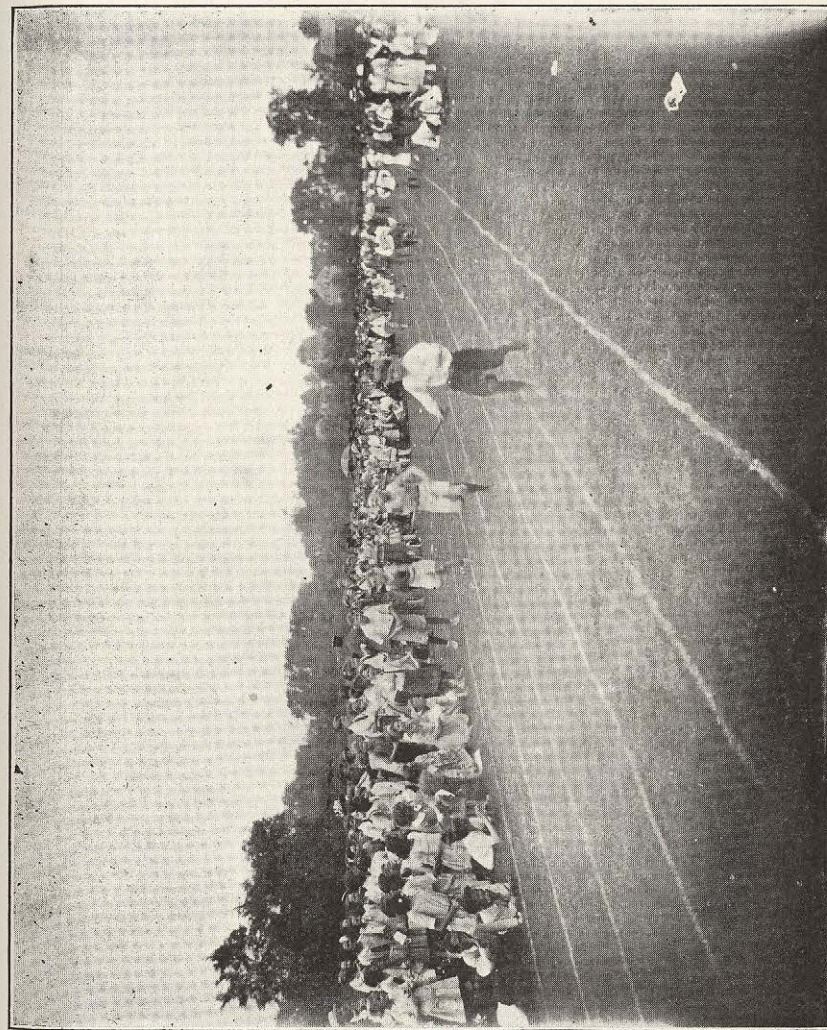
"When the public school pupil of to-day reaches the autumn of life and the reflective faculties carry the mind back to the scenes and memories of school days, one object that will stand out conspicuously in the reflected mirage will be the school fair and its panoramic display of the results of child labor, lifted out of the realm of drudgery and given an incentive that brought zest and interest. In its last analysis, what the interested throngs of

men, women, and children saw, admired and praised at the annual school fair held in the Berkeley School this week was the product of child labor.

"Every department of the fair, from the elementary art of the poster exhibit through the manual training, domestic science, the vegetable, fruit and flower, the poultry and pet stock exhibits and the orchestra players who furnished delightful music, all represented varied productions of child energy working under directing influences. Take all those elements of labor that made such a picturesque combination and divest them of the school environment and incentive and let them fall back among the category of compulsory chores, stints, or allotments of duty, and note the difference. On the one hand it is a labor of enthusiasm; on the other it is drudgery.

"The school fair tends to put dignity into labor; it fixes the child mind on the resources of nature and their possible uses along utilitarian lines, and the exhibition in a general way was in direct line with the matured life's activities. The school fair appears to be an established school institution, and each succeeding year evidences improvement in the detail work of arrangement, and the display this year was admirably arranged in all departments. The poultry and pet stock show was in no way inferior to some of the county fair displays throughout the State. The judges who viewed the poster work, both of them experts in that line, were delighted with the display and its meritorious standard of excellence. The judges whose lot it was to award the garden products prizes realized that they had a responsible task on their hands as they went over the display. The baking, cooking, canning, jellies and jams, and the sewing, knitting, and fancywork of the domestic science department came in for high encomiums, bestowed with sincerity and appreciation. But better than the technical opinion of the experts was the general admiration and satisfaction of the people of the town with the exhibition and their admission of an enlarged appreciation of how far the school life has advanced beyond what it was in the days of their childhood."

It might be interesting to add that three of the boys who exhibited poultry in the School Fair were advised to exhibit their



ANNUAL FIELD MEET ELEMENTARY GRADES—RELAY RACE

birds in the Essex County Poultry Show at Caldwell. Birds were entered by them in this Fair in four classes and three first prizes out of this possible four chances were awarded to our boys, these awards being earned in competition with adults.

Music.

The demand for the classes in violin instruction continues. As a consequence many of our boys and girls are becoming fairly proficient in the use of this instrument. This work is conducted under the direction of the Supervisor of Music, but is carried on outside of regular school hours.

The vocal and technical work in the grades has been carried on with the usual success. The period for chorus practise is much enjoyed by the pupils and the satisfactory results attained during these lessons were reflected in the rendition of the Christmas songs in the High School auditorium by a chorus made up of the upper grade children of all the elementary schools.

The quality of the music rendered by the High School Choral Society at the entertainment given during the spring was excellent and reflected much credit on both the Supervisor and the pupils taking part.

Special Classes.

Considering the conditions under which the work was carried on, the Special Classes have made a good showing. As usual the pupils have been given as much of the regular academic work as they could absorb but a considerable part of the time has been spent in doing work of a practical nature. About three hundred chairs have been caned during the year by the boys and girls of these classes, a number of rugs have been woven and much other work of a practical nature carried on. The housing of these classes has been spoken of elsewhere and it is gratifying to be able to report to the public the movement under way for building a school specially adapted to the needs of these pupils. When this building is completed it will be possible to place all the special classes under one roof and thus rearrange the present system of grading and carrying on the work, much to the advantage of the pupils, it is believed.

Professional Improvement.

As usual, books and periodicals having a bearing on the practical and theoretical features of teaching have been added to each school library from time to time. These books and papers are read with care and much interest by many of the teachers and numerous ideas obtained from their pages which are suggestive and helpful in conducting the work of the schools.

The extent to which these books and papers are made use of is indicated by the following table:

School	No. of Books Read	No. of Periodicals Read
High	164	42
Berkeley	73	16
Brookside	38	4
Center	47	14
Brookdale	11	5
Carteret	24	3
Fairview	55	27
Watsessing	51	28
Park	53	25
Teachers not included above.....	64	22

In addition to the professional reading listed above, the records show that eighteen of our teachers have been taking University courses during the year and twelve of our teachers did work in some one of the various summer schools last year.

Thrift.

The interest in thrift among our boys and girls seems to be on the increase. For the year ending June 30th, 1921, the bank reported the total number of depositors to be 2,530. For the year just ended the bank report shows the number to be 2,855, or an increase of 325. On the basis of enrollment 60 out of every 100 pupils were depositors last year and for the year just closed the number has increased to 63 out of each 100. Considering general financial conditions, these figures are gratifying and indicate that the program of thrift education has been a success.

A table showing the amount of savings in each school during the year follows:

School	Total Amount June, 1922
Berkeley	\$1,232.01
Brookside	1,570.27
Center	1,150.95
Fairview	898.84
Park	452.59
Watsessing	468.94
High	93.90
Carteret	578.09
Brookdale	214.95
	<hr/>
	\$6,660.54
The total amount saved last year was.....	4,017.47
	<hr/>
Increase over amount saved last year.....	\$2,643.07

Athletics.

Many people are inclined to measure the success of athletic teams by the number of games won, but we believe there is a far more important factor in the measurement of athletic success than the comparative scores. Measured by scores alone we have made an average showing but measured by the quality of sportsmanship and the quality of character we have tried to develop, we trust we have made much more than an average score. Athletics, if properly guided, tend to develop qualities of mind and character that make for the best type of citizenship and this phase of the work is always kept well in the foreground by our coaches.

In passing, two or three exceptions to the average scores mentioned above might be noted with pardonable pride. I refer to the record made by Warren Hendricks in the Columbia Track meet at which twenty-one high schools from New York and New Jersey contested. Hendricks came out first in the mile run.

In the Lawrenceville meet which all the secondary schools of New Jersey were eligible to enter and in which a goodly number of them were entered, on a slippery track Hendricks won the mile run and broke the State record by two seconds, his time being 4 minutes and 35 seconds. In this same meet another of our boys, Jack Keefe, won third place in the high jump.

The Annual Field Meet for the Elementary Schools was held on Thursday, June 1st. This event arouses a great deal of interest among the pupils of the grades taking part—4B to 8A

inclusive—and gives much impetus to the work of the Physical Training Department.

During the spring months preliminary meets are held in each school and the winners in these meets are selected to represent their respective schools in the final meet. In the individual school contest every pupil in the grades mentioned above takes part and a score is given to each individual effort. The results of these scores are compared on a percentage basis and the school standing highest in this comparison is awarded a cup. This year this cup was won by the Watsessing School.

In the final meet the contests were spirited and exciting. The award in this case is made on a point basis and the Brookside School won the trophy by a margin of one point. The small margin indicates the keenness of the competition.

The baseball league of the elementary schools played an interesting series of games and at the end of the season, the Park School and the Brookside School were tied for first place. The game to decide the championship was well played and was won by Park School with a lead of one run.

We are glad to report that our dream of an athletic field seems well on the road to realization. A plot of ground of about eleven acres has been purchased and the work of leveling and grading is well under way. The peculiar location and the environment of the plot make it susceptible of an unusual development. When completed it will contain a quarter-mile track, a football gridiron, a baseball diamond, a swimming pool, tennis courts and other playground features which will make it noteworthy as a place of athletic amusement for the young people of the town.

Medical Inspection.

The work of this department has been characterized by a wholesome spirit of co-operation between the doctor and nurses and the teaching force. The results obtained are reflected from reports of the Medical Inspector and the school nurses which will be found elsewhere. These reports represent no small amount of careful and conscientious work and attention to details and indicate strongly the success achieved.

Gifts and Prizes.

The following gifts should be noted and our thanks expressed to the donors:

A gold medal from the Newark Alumni of the Rensselaer Polytechnic Institute, Troy, N. Y., to be awarded to the male member of the graduating class attaining the highest average in mathematics and science combined.

A cash prize from the High School Latin Club to the member of the graduating class making the best record in Latin during the High School course.

A cash prize from the Faculty of the Bloomfield High School Science Department to the member of the graduating class making the best record in Science during the High School course.

A cash prize from the Alumni of the Bloomfield High School to the member of the graduating class making the best general school record during the High School course.

A cash prize from the Commercial Club of the Bloomfield High School to the member of the graduating class making the highest record in commercial subjects during the High School course.

A cash prize from the Eucleian Fund to the member of the graduating class making the best record in English during the High School course.

A piece of statuary presented to the High School by the Latin Club.

A static electrical machine presented to the High School by Dr. William R. Broughton.

A cash prize from the Bloomfield Chapter of the Daughters of the American Revolution to the member of the graduating class of the Park Grammar School making the best record in American history.

Addresses.

The following addresses were given before the High School pupils during the year:

Nov. 16, 1921—Amateur World Typist—Miss Alice Freidman.

Dec. 6, “ Value of a Business Education—Charles B. Couchman, C.P.A.

- Dec. 8, " Educational Week Address—Capt. Marvin Atkins.
- Dec. 13, " Use of the Library—Mrs. Meta R. Ludy.
- Jan. 10, 1922—Special Shorthand and Typewriting—Harold Smith.
- Feb. 9, " Nursing—Miss Agnes Ward.
- Feb. 14, " Technical Education—Allan R. Cullimore.
- Mar. 7, " New York Stock Exchange—Cameron Beck.
- Mar. 14, " Yale Alumni Scholarships—Allan M. Hirsch.
- Apr. 27, " Lure of the North—L. O. Armstrong.
- May 2, " Entering College—Edwin R. Boocook and William Durand.
- May 4, " Boys' Camps—Lester H. Clee.

Educational Films.

The following Educational Films were shown in the High School at Assembly periods:

Hats Off
 Coal Mining
 Panama Canal
 Niagara Falls in Winter
 Pig Iron to Finished Products
 In the Train of Horror
 Apple Blossom Time in Normandy
 Along the Moonbeam Trail
 Athletic Movements
 How Life Begins—No. 1
 Southern France
 How Life Begins—No. 2
 Gardens of Europe

REPORT OF THE SUPERVISOR OF ELEMENTARY GRADES.

Mr. George Morris, Superintendent of Schools:

DEAR SIR: My report will deal briefly with data compiled from some of the educational measurements and projects undertaken this year in our elementary schools. The summarizing of these facts, I trust, will be informative and of interest to you, showing whether or not our pupils in the different grades are up to the standards set by educators who have made special investigations along this line, and who have from this research work compiled facts, which were obtained from the giving of uniform tests in different studies to thousands of school children throughout the country. This information has been tabulated and scientific standards have been thus established.

From these research tabulations it is fairly easy to determine what our pupils should be able to achieve in any specific phase of a subject, and tangible progress can be measured quite accurately. These scales fix standards of achievement and quicken interest of both teacher and pupils. They also furnish valuable information as to the extent and variability of individual differences among pupils and classes, bringing definite constructive help to the teacher to locate points of weakness without loss of time.

Reading.

To study effectively the child should have definite training in silent reading. Although we are emphasizing very strongly this phase of the work, instruction in oral reading is not neglected. Exercises and drills are given daily to increase the "eye span," thereby developing the reading rate which aids materially in thought getting and appreciation. The process of oral reading cannot be as easily measured and results tabulated as the process of silent reading.

The accompanying table shows the standard achievements in silent reading. These tests measured separately the pupil's ability to understand what he read, also measured the rate of reading—that is, the number of words read per minute. The test was composed of twenty-one printed paragraphs which the child

was required to read silently, then he was requested to write the answers to the questions, relating to the given paragraphs, in a limited time.

The scores show that at the end of the school year each grade is at or above the standard set by Monroe, also a steady growth from grade to grade is seen.

The excellent achievement of School No. 3, where 80% of the children are of foreign parentage, is particularly commendable.

TABLE No. 1.
MONROE'S SILENT READING TEST.
All Schools—Average Medians—May, 1922.

School	Comprehension Score		Rate Score	
	Bloomfield	Monroe's Standard	Bloomfield	Monroe's Standard
Berkeley, No. 2.....	10.7	9.0	142.1	133.8
Brookside, No. 3.....	10.8	8.1	154.0	123.2
Center, No. 4.....	11.6	9.0	149.2	133.8
Brookdale, No. 5.....	8.0	8.1	106.5	123.2
Carteret, No. 6.....	6.0	7.1	99.9	109.6
Fairview, No. 7.....	11.4	8.1	143.0	123.2
Watsessing, No. 8.....	12.2	8.1	164.5	123.2
Park, No. 9.....	14.5	13.2	168.4	183.5

TABLE NO. 2.
MONROE'S SILENT READING TEST
Comprehension Score.

Grades	December		May	
	Bloomfield	Standard	Monroe's Bloomfield	Monroe's Standard
IIIA	7.5	4.2	7.26	3.8
IVB	8.92	7.2	8.9	7.7
IVA	10.00	7.2	9.0	7.7
VB	10.6	9.0	11.5	9.8
VA	11.17	9.0	9.38	9.8
VIB	11.8	9.9	13.1	11.0
VIA	12.4	9.9	16.12	11.0

Spelling.

The tests in spelling were made up of words selected from the Ayres spelling scale. Lists of twenty words were given to all "B" grades from the second to the eighth and twenty selected



HIGH SCHOOL GYMNASIUM EXHIBITION—MARCHING DRILL.

words used in sentences to all of the "A" grade classes. The scores were collected and tabulated. The results with comparisons are given in the following tables:

TABLE 1.
AYRES SPELLING TEST—MAY, 1922.
PER CENT OF WORDS CORRECT.

Grades—	8A	8B	7A	7B	6A	6B	5A	5B	4A	4B	3A	3B	2A	Aver.	School
Berkeley	91.	68.	83.	83.	92.	88.	88.	77.	83.	76.	83.2	
Brookside,	97.	93.	92.	91.	92.	89.	88.	88.	84.	91.3	
Center	83.	90.4	91.4	88.	92.2	89.5	89.	88.6	85.	90.5	88.7	
Brookdale	99.	..	86.6	..	79.3	..	74.	..	80.3	82.	
Carteret	94.	93.6	90.	76.2	89.	89.7	84.9	87.2	
Fairview	93.3	95.	94.3	88.	91.5	88.	85.	85.	97.	90.7	
Watsessing	82.7	86.9	89.4	88.6	85.	82.	71.	62.	83.5	82.3	
Park	92.9	87.8	89.2	92.3	..	..	..	..	..	..	..	..	..	90.5	

TABLE 2.
COMPARISON OF WORDS IN SENTENCES AND LISTS OF WORDS.

	8A	8B	7A	7B	6A	6B	5A	5B	4A	4B	3A	3B	2A
Sentences	92.9	..	89.2	..	86.9	..	89.6	..	89.1	..	81.8	..	85.1
Words .....	..	87.8	..	88.7	..	90.4	..	91.4	..	85.2	..	82.1	..

Arithmetic.

Some of the principals have prepared drills for the lower grades in the forty-five combinations, these being given at least once a week. Each teacher, as an incentive to the class, makes a graph on the blackboard or chart showing the individual and class progress from week to week. The children try to compete with their own record each week as well as the previous class record.

In March, an arithmetic problem test which had been given to the Montclair State Normal School students was tried out in the 8A Latin group of pupils in the Park School. This test consisted of twenty-five practical problems and was given to the pupils without any previous preparation. The following gratifying results were obtained:

6 pupils	100%	3 pupils	72%
8 "	96%	2 "	68%
4 "	92%	2 "	64%
6 "	88%	3 "	60%
2 "	84%	1 "	56%
7 "	80%	2 "	52%
6 "	76%	1 "	40%
Total number of children tested		53	
" " " " passed		42	
" " " " failed		11	
Percentage passing test.....		79.2%	

The Courtis Standard Research tests scoring the ability in the four fundamental operations in arithmetic were given again this year to the pupils of grades four to eight inclusive. The survey revealed the fact that progress had been made both in accuracy and speed. Elements of weakness were easily discovered in certain cases and remedial steps were taken to strengthen these weak places.

As a result of these tests we have found that our pupils, with few exceptions, compared favorably with the standards set.

Projects.

We, as formerly, are trying to vivify and make all work exceedingly practical. To this end, in connection with the regular prescribed course, simple projects have been worked out by single grades or by all classes working on different phases of the same problem. All these projects have been accompanied by systematic study of the subject, by drills and by exercises. In this work the children showed remarkable resourcefulness and ingenuity for planning and working out their own ideas.

Starting with the kindergarten and first grades there have developed several projects of free play and community interests. In a second grade a "Garden project" was carried out which was correlated closely with arithmetic, spelling, phonics, reading, music, drawing and physical training.

The study of Japan and her people was another project carried out by the second and third grades. This, too, was correlated with all subjects. In connection with the English lessons the children wrote the following invitation:

"I write to inquire if my guest you will be,
And come to my room for a Japanese tea?
Slip on a dress and carry a cup and fan,
And then you will look like a maid from Japan."

This unique invitation brought a gathering of mothers on a Friday afternoon for whom the children, dressed in Japanese costumes, sang, read, recited poems and gave folk dances, all of which pertained to Japanese customs.

The history of Holland and the Dutch people was worked out on somewhat the same lines as the Japanese project and studied in the third and fourth grades. Here more definite geograph-

ic factors were introduced and extensive modelling and sand table lessons were given.

In the grammar grades the pupils are given an insight into the typical forms of industrial occupations that are essential to our civilization. The production from the raw material to the finished article ready for use is vividly portrayed in graphic charts made up of the raw material (when possible to obtain), pictures, clippings from newspapers and magazines, post cards, railroad folders, advertising matter and written compositions. For example, in connection with the Southern States, a detailed study of cotton is made, wheat and copper for the North Central group; the lumber industry, including maple sugar and wood pulp in the New England States. Particular stress is laid upon the industries of Bloomfield and the State of New Jersey. All of these and many others made interesting and practical problems.

In one school a large project, "The House Beautiful," is being worked out. It is the practical application of the course of study to the daily work, using the proposed addition to the building as the unit of procedure. This problem will be carried on and completed next year.

The project "Thrift" is one in which very tangible results may be measured during the school life of the boy and girl. There are three schools that have saved over \$1,000 in "Saving Stamps." In one fifth grade every member of the class has a real saving account in the bank as a result of the Saving Stamp machine that is installed in the school.

The "health" projects are particularly commendable. Booklets have been made entitled "Health Habits." Pages illustrating proper foods, cleanliness, need of exercise and fresh air have been attractively illustrated by pictures and written exercises. In this work not only the important lessons on hygiene have been instilled in the minds of the pupils but lessons in measuring, letter spacing and English work have been applied.

A history project, the aim of which was to cover the principal events of the Revolutionary to the post-Revolutionary periods was worked out in the form of a pageant, "The Birth of America," and given in one of the school auditoriums before interested parents. Each child took an active part in the writing of

this play. In a geography class a fifth grade took a trip to California and as an English lesson, letters were written to railroad companies for folders. Different routes of travel were discussed and the route to California by the North, returning by the South, was made a basis of valuable oral and written lessons in composition, history and geography.

My work during the year, which has been much handicapped through my absence on account of illness, has been made lighter and very pleasurable by the helpful co-operation of the teachers, principals and supervisors, also by your generous consideration and wise guidance. All these factors are very much appreciated.

Respectfully submitted, IDA E. ROBINSON,
Supervisor of Elementary Grades.

REPORT OF MEDICAL INSPECTOR.

Mr. George Morris, Superintendent of Schools:

DEAR SIR: In making my report on the medical inspection of the schools, I desire at the outset to thank the faculty of each school for its earnest co-operation and to express my appreciation of the friendly spirit under which we worked.

The examining of pupils commenced at the beginning of October and was carried on till the first of February, when all pupils then in attendance had been examined. This work has been systematized in the past two years so that the follow-up work has been more or less continuous instead of waiting for records, examination, etc., as heretofore.

Individual records are now on file of all contagious diseases that the children have suffered from and these records will prove invaluable should we have a serious epidemic in the future, as we will then be able to keep the schools open for those who have successfully passed through the incubation period previously.

In regard to the removal of infected tonsils and adenoids from children we have been handicapped by lack of facilities for such work. The clinics now available are overcrowded and it is with difficulty that we are able to have our cases attended to. I feel that a small clinic for school children could be opened in the Community House, one or two days a week, and the above condition removed. Eye cases could also be treated in a like manner.

The nutrition work has kept up the spirit of gain and this work with the weighing and measuring of the children has helped to a great extent in keeping the attendance record high and disease down to a minimum. Twelve nutrition classes were established at the beginning of the term and the underweight children showed splendid results in the net weight gain. Milk has been served throughout the year to those desiring the same and has assisted in our health crusade in keeping the children who become "fagged out" in the middle of the day up to grade in their studies.

Too much praise cannot be extended the school nurses for their splendid assistance and follow-up work and also for their interest in the welfare of the community. With untiring efforts they have made home visits on all cases of disease or sickness found in the classrooms.

A more or less severe epidemic of measles, mumps and whooping cough settled on us in February and in these lesser diseases I feel that a more rigid quarantine should be kept.

The greater part of the epidemic was due to contact with infected children at play following the acute stage. Many communities placard the houses for measles and whooping cough. Whether this aids in stamping out the disease is a question but it gives the Health Board a closer check on the quarantine period.

In conclusion, I would state that our aim has been to keep the schools open through a more rigid control of contagious disease, to increase the attendance and to look after the welfare of the children and their schools.

Respectfully submitted,

ARTHUR G. PILCH, M.D.

REPORT OF HEALTH AND NUTRITION WORKER.

Mr. George Morris, Superintendent of Schools:

DEAR SIR: Intensive work has been done along health lines during the past year. In September and early in October all of the children in the schools of Bloomfield, with the exception of the High School, were weighed and measured in order to find out those who were 10 per cent. or more under weight for age and height according to the Thomas D. Wood charts adopted by the U. S. Government.

Underweight and defective nutrition are usually regarded as synonymous terms, although other factors must also be taken into consideration. This weighing of the children has been done three times during the school year, the per cent. of underweight children in the schools calculated as well as the average per cent. under weight.

The results are given in the following table:

WEIGHT STATISTICS OCTOBER 1st, 1921, to JUNE, 1922.

Per cent. of pupils in the following schools who are underweight.

Schools	Oct. 1921	Feb. 1922	June 1922
Berkeley	26.7	15.5	11.8
Brookside	26.4	19.	13.9
Brookdale	22.4	21.	18.5
Carteret	11.6	3.2	2.8
Center	18.5	12.	7.3
Fairview	24.	14.	8.7
Park Grammar	35.	25.	20.
Watsessing	28.	16.5	11.3
Opportunity	25.	21.	16.6
Total number of pupils weighed	3,203	3,146	3,561
Total number of pupils underweight	825	527	431
Total per cent of pupils underweight	25.8	16.6	12.1
Total average per cent. underweight	14.	13.	12.5

In addition to the three yearly weighings, all underweight children in every school were weighed once a month.

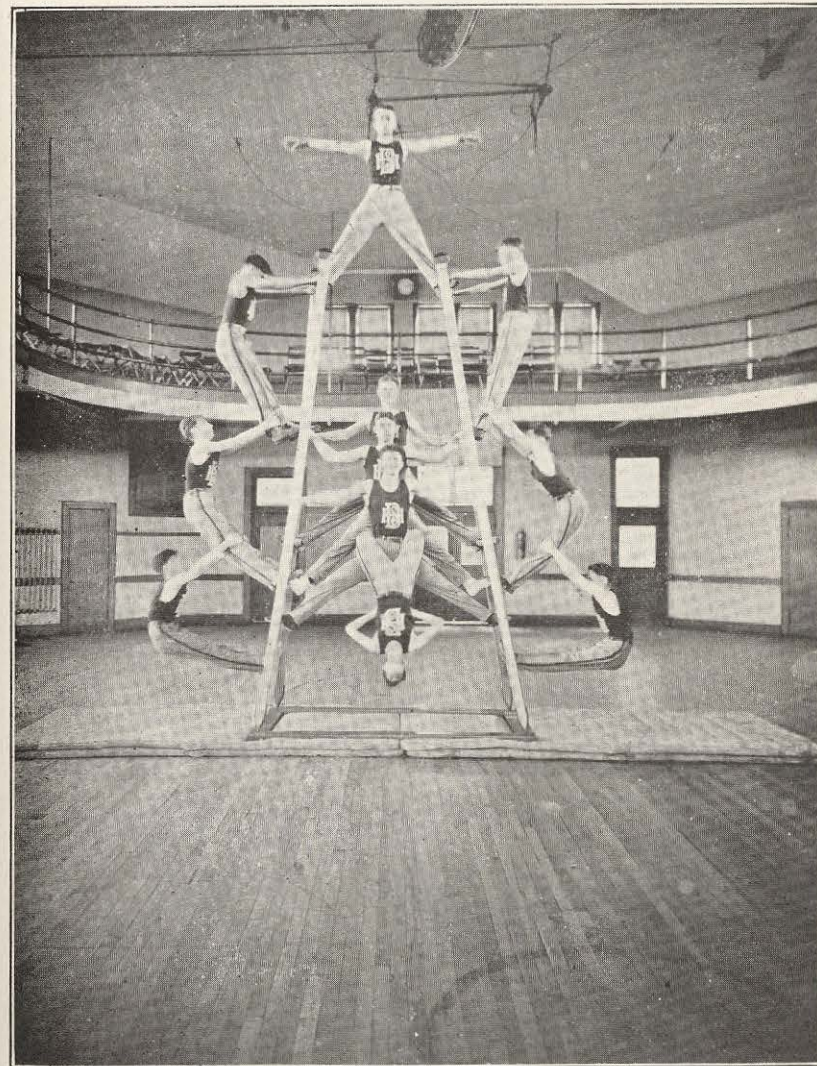
Those children who appeared to be most malnourished were

put into nutrition classes which were held once a week. Twelve such classes were formed in four of the schools in October and continued until January, each class consisting of about fifteen children of a near age. In March twelve new classes were formed in six schools. Between one-third and one-half of the children in these classes were less than 10 per cent. underweight by the end of the term. The children in these classes were weighed weekly, and special instruction was given them along all health lines, the aim being to arouse the children's interest in improving themselves by their own individual efforts. They were taught how they could gain if they tried, and the rest they did themselves. Calls were made at the homes of many of these children and the mothers' cooperation urged.

The gain of all underweights was greatly aided by the daily serving of milk and a graham cracker. Parents were requested by letters and personal calls to allow the underweight children to have this extra meal in the middle of the morning. Where investigation proved that home conditions made the paying of five cents a glass for the milk impossible, milk was given to the children. Practically every child who has had the milk has made at least the normal gain for his age and height.

Through the nutrition work, which we have done, we have found that:

1. The child taking milk in school gains more rapidly than the one who does not.
2. Children who were liable to be drowsy and perhaps have a headache by noon, are now alert during the entire morning.
3. The pupils who are bright in their daily lessons gain faster than the dull ones.
4. Many underweight children fail to pass their grade and are backward in school.
5. Children who have physical defects remedied, diseased tonsils and enlarged adenoids removed, decayed teeth filled, and defective vision corrected, gain rapidly, whereas the previous gain was negligible.
6. Seasonal variation in growth makes it difficult to determine expected gains for periods of less than one year. Children gain most from August to January.



HIGH SCHOOL GYMNASIUM EXHIBITION—BOYS' GYM TEAM.

7. With very few exceptions those children in the nutrition classes who reached their normal weight have continued to weigh the corrected amount for height and age.

8. All children 10 per cent. underweight are not necessarily malnourished. Nationality and heredity must be taken into consideration and although a weight and height chart must be used, common sense is also necessary.

MARGARET H. NILES, *Nutrition Worker.*

REPORT OF SCHOOL NURSES.

Total number of schools inspected	10
Visits made to homes	597
Treatments given in schools	2,402
Visits of nurse to dispensaries	52

DEPARTMENT OF SCHOOL HYGIENE—PHYSICALLY DEFECTIVE.

Defective Vision—

Number of cases reported	113
Secured glasses	53
Consulted optician	17
Promise to consult optician	29
Disapprove of treatment	13
Left school	2

Eyelids. B.M.—

Number of cases reported	10
Cases treated	6
Promise to consult physician	2
Disapprove of treatment	1

Enlarged Tonsils—

Number of cases reported	1,140
Operations	171
Consulted Physician	226
Promise to consult physician	333
Disapprove of treatment	142
Left school	59

Nasal Obstruction—

Number of cases reported	194
Operations	20
Consulted physician	31
Promise to consult physician	82
Disapprove of treatment	20
Left school	10

Defective Teeth—

Number of cases reported	1,238
Treated and improved	225
Treated and cured	247
Promise to consult dentist	402
Disapprove of treatment	56
Left school	42

Defective Hearing—

Number of cases reported	30
Treated and improved	16
Consulted physician	7
Promise to consult physician	3
Disapprove of treatment	1
Left school	

Enlarged Cervical Glands—

Number of cases reported	68
Operation	10
Cases treated	22
Consulted physician	11
Promise to consult physician	14
Left school	5

Orthopedic Defect—

Number of cases reported	7
Cases treated	7

Anemia—

Number of cases reported	18
Cases treated	12
Consulted physician	
Promise to consult physician	5

Cases of Exclusion—

Excluded by School Nurse	233
Suspected mumps	66
Suspected whooping cough	18
Suspected measles	9
Suspected chicken-pox	18
Suspicious throats	8
Skin condition	10
Conjunctivitis	17
Pediculosis Capita	87

Children referred to clinics—

Eye, ear, nose and throat	445
Dental Clinic	113
Orthopedic clinic	4

MAE GAHAGAN, R. N.,
MARY McGOVERN, R. N.,
School Nurses.

SCHOOL ENROLLMENT

DAY SCHOOLS.

Net Enrollments 1921-1922.

No. 1. High School	610
No. 2. Berkeley School	714
No. 3. Brookside School	831
No. 4. Center School	485
No. 5. Brookdale School	159
No. 6. Carteret School	255
No. 7. Fairview School	581
No. 8. Watsessing School	582
No. 9. Park School	457
No. 10. Opportunity School	23
Total	4697

ENROLLMENT BY YEARS.

1890	1008	1908	2629
1893	1161	1909	2688
1896	1382	1910	2751
1897	1477	1911	2966
1898	1643	1912	3174
1899	1678	1913	3372
1900	1760	1914	3550
1901	1774	1915	3738
1902	1972	1916	3933
1903	2102	1917	3962
1904	2153	1918	4290
1905	2247	1919	4307
1906	2425	1920	4372
1907	2562	1921	4301
1922	4697		

DAYS' ATTENDANCE.

1902	244,000
1903	264,000
1904	288,000
1905	308,000
1906	337,900
1907	350,000
1908	371,000
1909	380,000
1910	392,000
1911	431,000
1912	455,000
1913	489,000
1914	521,000
1915	552,000
1916	579,000
1917	591,000
1918	585,000
1919	633,000
1920	611,000
1921	654,000
1922	698,000

EVENING SCHOOLS.

Net Enrollment 1904-1905.....	211	Total Attendance.....	2,673
Net Enrollment 1905-1906.....	232	Total Attendance.....	4,369
Net Enrollment 1906-1907.....	273	Total Attendance.....	5,076
Net Enrollment 1907-1908.....	268	Total Attendance.....	5,225
Net Enrollment 1908-1909.....	285	Total Attendance.....	7,405
Net Enrollment 1909-1910.....	284	Total Attendance.....	7,671
Net Enrollment 1910-1911.....	309	Total Attendance.....	7,087
Net Enrollment 1911-1912.....	321	Total Attendance.....	6,565
Net Enrollment 1912-1913.....	409	Total Attendance.....	10,436
Net Enrollment 1913-1914.....	461	Total Attendance.....	11,470½
Net Enrollment 1914-1915.....	462	Total Attendance.....	11,829
Net Enrollment 1915-1916.....	496	Total Attendance.....	13,139
Net Enrollment 1916-1917.....	383	Total Attendance.....	10,182
Net Enrollment 1917-1918.....	380	Total Attendance.....	10,121
Net Enrollment 1918-1919.....	301	Total Attendance.....	6,031
Net Enrollment 1919-1920.....	322	Total Attendance.....	7,033
Net Enrollment 1920-1921.....	480	Total Attendance.....	11,086
Net Enrollment 1921-1922.....	395	Total Attendance.....	10,114

FINANCIAL STATEMENT.

Bloomfield, N. J., July 1, 1922.

To the Board of Education:

Gentlemen: I herewith submit the annual Financial Statement for the school year ending June 30th, 1922:

RECEIPTS

Balances, July 1st, 1921, as follows:

Current Expenses	\$	3,344.70	
Library		10.19	
Repairs to Buildings		49.62	
		<u> </u>	\$ 3,404.51
Received from State, Current Expenses.....	\$	101,801.49	
" " Town, " "		243,004.00	
" " Town, Repairs to Buildings, etc.....		11,450.00	
" " Town, Manual Training		5,000.00	
" " Town, School Libraries		400.00	
" " State, Manual Training—1921-'22		4,478.80	
" " State Manual Training due from			
1920-'21		1,072.51	
" " State, School Libraries		90.00	
" " Town, Playground		12,500.00	
" " Town, Additions to Buildings.....		25,000.00	
		<u> </u>	404,796.80

Received from other sources:

Tuition	\$ 3,127.25	
Interest on deposits	237.64	
Miscellaneous receipts	1,920.34	
		<u>5,285.23</u>

Total receipts and balances	\$413,486.54
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DISBURSEMENTS.

Current Expenses :

Teachers' Salaries (Day and Evening).....	\$265,139.66
Janitors' Salaries (Day and Evening).....	18,540.14
Fuel	14,440.98
Transportation	2,733.40
Tuition	800.00
Salary Clerks—Expenses Supt. Office, etc.....	2,596.38
Text Books	9,242.91
School Supplies—Stationery, etc.....	15,043.41
Apparatus	4,919.43
Janitors' Supplies	3,229.66
Water, Light and Power	5,407.41
Medical Inspection	4,764.17

Attendance Officer	540.00
Salary, Sec'y Bd. of Education—Supplies, etc.....	1,541.32
Insurance	1,781.05
Wages Other Employees	335.00
Telephone Service—Incidental Expenses	1,396.10
	<u>\$352,451.02</u>

Manual Training:

Teachers' Salaries	\$ 7,375.72	
Materials and Supplies	3,078.66	
Repairs and Replacements	232.89	
	<u> </u>	10,687.27

School Libraries:

Books	488.13
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Buildings :

Repairs and Equipment	\$ 10,945.63	
Leasing School Rooms	540.00	
	<u> </u>	11,485.63

Purchase of Land and School Additions:

Playground	\$12,500.00
Payments on additions to date.....	14,480.49
	<u>\$ 26,980.49</u>

Balances in Hands of Custodian:

Current Expenses	\$ 848.44	
Library	12.06	
Building and Repair Account.....	13.99	
Additions to Buildings Account	10,519.51	
		<u>11,394.00</u>

Total Expenditures and Balances on Hand	\$413,486.54
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Respectfully submitted,
EDGAR S. STOVER, Secretary.

RULES AND REGULATIONS.

Elementary Schools, 8:45 to 12:00 M.
1:15 to 3:15 P. M.

Morning Recess 10 minutes.

Kindergartens, 8:45 to 11:20 A. M.
1:15 to 2:30 P. M.
High School, 8:15 to 1:30 P. M.

School doors open 20 minutes before the school sessions begin and close 30 minutes after school is dismissed in the afternoon. From December 1 to March 30, the buildings are open during the noon hours.

The Superintendent of Schools may order half-day sessions because of weather conditions.

Excuses for absence or tardiness must be signed by the parent or guardian, and state that the absence or tardiness was with the knowledge and approval of the signer or the equivalent. All lessons may be counted zero until made up in a manner satisfactory to the teacher. No lesson may be made up until an excuse has been accepted.

No charitable appeals may be laid before any class.

No person may visit any school or class to see any teacher or pupil upon personal business of any kind.

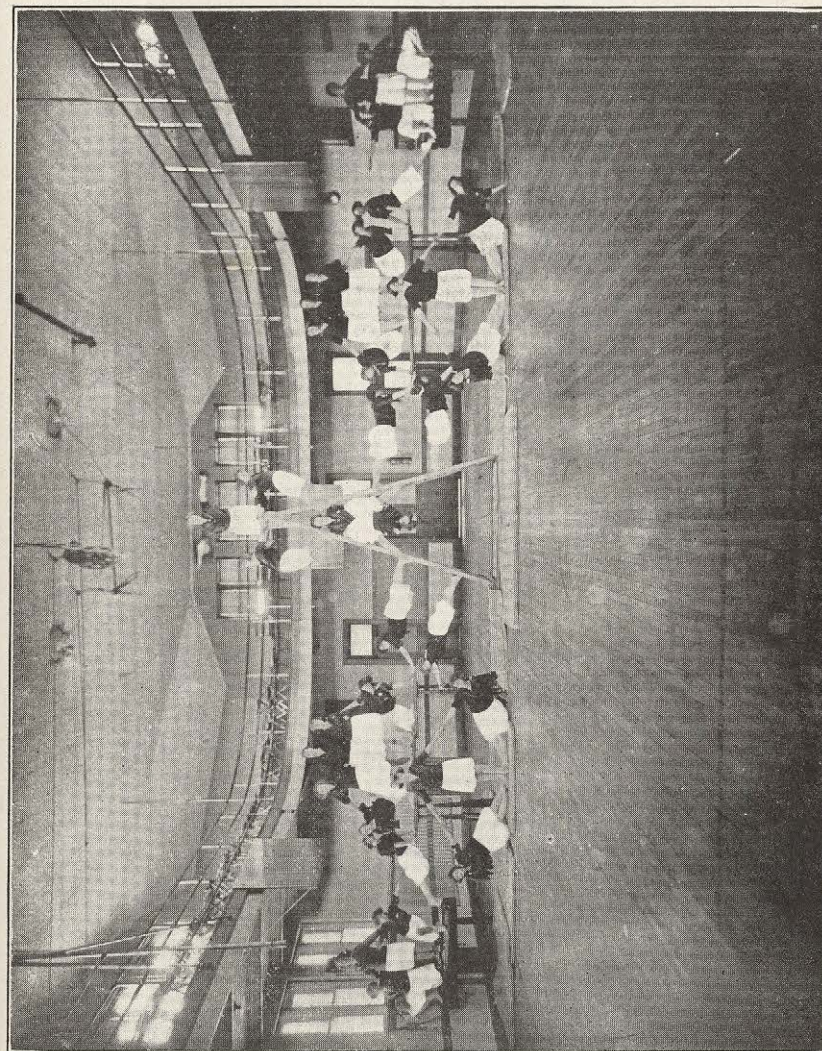
The schools are always open to the inspection of the public, and parents and citizens are cordially invited to visit them at any time.

Teachers are to be present at school 20 minutes before school opens and 30 minutes after school closes.

Teachers may visit two days each year such schools as they may arrange with their superior officers, and report in writing. In addition, teachers may be absent on account of sickness two days in the year without deduction of compensation.

Teachers who have been in the Bloomfield School system in active service for a period of five years or more and who are kept from attending to their regular school duties on account of personal illness shall receive their full salary for a period of sixty (60) school days in any one year contingent upon presentation of a satisfactory certificate from a practising physician.

Full deduction of salary is to be made for absence for reasons



HIGH SCHOOL GYMNASIUM EXHIBITION—GIRLS' GYM TEAM.

other than personal illness or death in the immediate family.

Full pay will be deducted for absence occurring on the day before or the day following any vacation period, except as provided for above.

All claims regarding absences must be presented in writing to the Secretary of the Board of Education within one week from the date of the teacher's return to school.

Special cases may be referred to the Board of Education.

The compensation of substitutes is \$4.00 per school day in Grades I to VIII, also in the Kindergarten, and \$5.00 in Grades IX to XII.

Principals will report in writing, monthly or oftener, failures of specialists or class teachers to be present upon the time set in these schedules and rules.

The duties of teachers include required attendance at school, grade, special and general meetings, not exceeding five in any one month. The duties of principals and specialists include required attendance at all meetings designated by the school authorities. Teachers and principals should visit the pupils' homes in the performance of their educational obligations to circumvent truancy, to quarantine cases of suspected disease, and to consult parents in their children's interests. The results of such visits, when unsatisfactory or otherwise noteworthy, are reported in writing to the proper authorities.

Tuition for non-residents shall be as follows:

High School, \$100 per year.

Grammar Grades, \$40 per year.

Primary Grades, \$20 per year.

JANITORS.

- To be in building at 7 A. M., or as much earlier as may be necessary to have the building ready for school, and to remain as long as there are teachers or pupils in the building, except that a janitor shall not be requested to remain later than six o'clock. The lunch period of the janitor will be arranged with the principal.
- To take charge of the buildings during noon hour except when otherwise arranged with the principal.
- To leave the buildings during school hours only with consent of the principals.
- To sweep every room and hall every afternoon.
- To empty all waste baskets every day.
- To dust every room every morning before 8:30.
- To clean thoroughly every blackboard once a week.
- To clean every window inside and out three times each year.
- To rake the yards and to keep them clean.
- To keep the lawns mowed.
- To clear the sidewalks immediately after snowfall.
- To fill all inkwells once a week and to clean them every fourth Saturday.
- To visit each building in the care of the heating as late at night and as early in the morning as is found necessary to get the rooms heated properly before the opening of school.
- To report pupils to principals for discipline when necessary.
- To allow no pupils in or about the buildings until 20 minutes before the opening of school and after school has been closed for a half hour, unless accompanied by teachers, except in cases of extreme cold or storm and except when games are being conducted on the basketball courts.
- To allow no loitering of pupils or others in groups about the grounds at any time, but to allow playing as instructed by the principal.
- In bad weather the janitors may open the doors twenty minutes earlier than the usual time.
- To make repairs at the request of principals.
- To report all needed supplies to the principals in good season.
- In addition to observing the above duties a janitor is at all times to consider himself under the general direction of the Principal of the building and the Superintendent of Schools.

CALENDAR FOR 1922-1923.

FIRST TERM:

Begins Wednesday, September 6, 1922.
Ends Friday, December 22, 1922.

SECOND TERM:

Begins Wednesday, January 3, 1923.
Ends Thursday, March 29, 1923.

THIRD TERM:

Begins Monday, April 9, 1923.
Ends Wednesday, June 27, 1923.

HOLIDAYS:

Columbus Day.
State Election Day.
Thanksgiving.
Christmas.
New Year's.
Lincoln's Birthday.
Washington's Birthday.
Good Friday.
Memorial Day.

LIST OF GRADUATES.

HIGH SCHOOL—JANUARY 24, 1922.

Louis Ash	George Albert Lyle
Clarence S. Beck	John Martin
Richard P. Cooke	Edward Albert Raisbeck, Jr.
Ronald A. Dickson	Albert J. Seholm
William F. Evans	Mary A. Carlucci
Edward J. Gray	Frieda R. Cohen
William H. Hassel	Helen M. Gaffney
John J. Horan, Jr.	Anna A. M. Helmke
Edward George Koch	Helen Mae Hildebrandt
Herbert Irving Levine	Ruth Sheldon
Marion Ruth Schulthess	

CERTIFICATES.

Mahlon Oliver Earle
William John Hewitt
Charles Mahrenholz

HONOR PUPILS.

George Albert Lyle

Frieda R. Cohen	Ronald A. Dickson
Albert J. Seholm	Mary A. Carlucci

HIGH SCHOOL—JUNE 13, 1922.

HONOR PUPILS.

Wilbur C. Roake

Mary Florence Hepburn	Lawrence A. Stockbridge
Helen Waldron Thompson	S. Pauline Ram

GRADUATES.

R. Leland Bernhardt	Lawrence A. Stockbridge
George H. Cliff	Edward Henry Young
Jack Cowie	Dorothy Louise Ayres
Nicholas Fiore	Elizabeth V. Bill
Zalmon Monroe Hendricks	Sylvia Marzelle Bush
Raymond F. Herder	Dorothy Elizabeth Gahs
William J. Hewitt	Margaret Harlan
G. Parker Huyler	Mary Florence Hepburn
Clifford Fred Kent	Helen Estelle Kernan
Donald P. Lynch	Edna Ruth MacNary
Charles Mahrenholz	Caroline Million
William M. McNeely	Helen Morton
Vernon D. B. Penner	Louise Marie Pieper
Ralph R. Porzer	S. Pauline Ram
George A. Richardson	Frances Mary Roberts
Wilbur C. Roake	Eve Samuels
Carl Clinton Salisbury	Helen Waldron Thompson

CERTIFICATES.

Frederick Aug	William Gloeckner
Margaret Banfield	Bessie Hanna
Eleanor Brady	Adelia Keene
Ronald O. Clark	Mary Speni

HIGH SCHOOL PUPILS HAVING PERFECT ATTENDANCE FOR
THE HALF-YEAR ENDING JANUARY, 1922.

Evelyn Anderson	Beatrice Mayo
Walter Anderson	Eulalia Mayo
Elsie Anthony	Marion McVea
William Anthony	Dorothy Meeker
Claire Barnes	Horace Meeker
Ruth Becht	Gordon Miller
Gladys Benjamin	Kathryn Moore
Eric Berg	Annette Muelchi
Edith Bjorling	Charles Myer
Robert Blunt	Ellen Neuschafer
Elizabeth Bowne	Lenora Neuschaefer
Alma Bouser	Joseph Obrieter
William Branch	Vernon Penner
Harry Brand	Marion Perkins
Mary Carlucci	Caroline Pieper
William Carlucci	Louise Pieper
Kenneth Catlin	Samuel Pierson
Ernest Chance	William Porzer
Frank Chapin	Helen Post
Roland Clark	Herbert Price
George Cliff	Joseph Pulchlopach
Charles Cole	Frank Puleo
Harry Cox	Helen Raemsch
Ruth Crampton	Ruth Ratcliffe
Stuart Daland	Wilbur Roake
Leslie Danner	Ralph Robbins
Nettie Darling	John Ruvo
Jennie De Santo	Carl Salisbury
Tony Donatello	Margaretta Salinger
Edith Dyal	Florence Sandrue
Harold Edden	Warren Schoner
Anna Mae Edwards	Marion Schulthess
Dorothy Eagan	Helen Slawinski
Louise Evangelist	Edith Smith
Eunice Garvin	Elizabeth Smith
Howard Gibson	Mary Smith
Helen Glowezinski	Ruth Smith
Joseph Green	Lillian Sohner

Elizabeth Grissing
 Laverna Harlan
 William Havens
 Myra Herder
 Philip Hemeleski
 Carrie Hetzel
 Helen Hildebrandt
 Wilhelmina Hildebrandt
 Myrtle Hollenbeck
 Dennalla Hoyt
 Francis Ingalls
 Frances Jaeger
 Florence James
 Percy Jones
 Marion Kenkel
 Lillian Kennedy
 William Kerlin
 Raymond Kievit
 Eunice Knipe
 Eleanor Koester
 Gertrude Kohler
 Albert Lender
 Andrew Lindley
 John Lobel
 Myrtle Loesch
 Mary Emma Marshall

Helen Zawistowski

HIGH SCHOOL PUPILS HAVING PERFECT ATTENDANCE FOR THE HALF-YEAR ENDING JUNE, 1922.

Mildred Adler
 Elsie Anthony
 William Anthony
 William Askin
 Dorothy Beesley
 Thomas Bolton
 Elizabeth Bowne
 Alma Bowser
 William Branch
 Della Bryce
 William Carlucci
 Kenneth Catlin
 Roland Clark
 Allan Cole
 Charles Cole
 Constance Cornwell

Vernon Sohner
 Loretta Someracke
 Ethel Stockton
 William Sutherland
 Henry Tait
 Gertrude Tate
 Gertrude Taylor
 Elizabeth Thomas
 Kenneth Tidabeck
 Robert Tolley
 Elizabeth Van Wagoner
 Lillian Van Wickel
 Marion Walker
 Robert Walker
 Frances Walton
 Ruth Warrin
 Maxine Weichert
 Edgar Weidele
 Alice Weiss
 Charles Weiss
 Frederick Woodworth
 Robert Woodworth
 Archie Wykes
 Theodore Yasko
 Virginia Young
 Charles Zalinski

Raymond Kievit
 Eunice Knipe
 Herbert Laird
 Gladys Leonard
 John Lobel
 Donald Lynch
 Mary Emma Marshall
 Carl Martini
 Richard Maxwell
 Beatrice Mayo
 Paul McAlpine
 Walter McCormick
 Ruth McKee
 Marion McVea
 Dorothy Meeker
 Horace Meeker

George Courter
 Harry Cox
 Ruth Crampton
 Stuart Daland
 Leslie Danner
 Walter Danner
 Nettie Darling
 Lillian Decker
 Frances Del Fosse
 Helda Derner
 Aurie Dunlap
 Edith Dyal
 Thomas Dyal
 Harold Edden
 Anna Mae Edwards
 Albert Egan
 Paul Farro
 Herbert Fisher
 George Fornoff
 Ida Garlock
 Eunice Garvin
 Joseph Gentile
 Howard Gibson
 Helen Glowczynski
 Joseph Green
 Josephine Hall
 Marie Hall
 Ernest Hambacher
 Jennie Harrison
 Irene Heckel
 Philip Hemeleski
 William Henderson
 Wilhelmina Hildebrandt
 Myrtle Hollenbeck
 Denalla Hoyt
 Edward Hughes
 Charles Hustler
 Florence James
 Ruth Johnson
 Alexander Johnston
 Helen Kaufmann
 William Kerlin
 George Kern

Joseph Mercurio
 Grace Mersereau
 Charles Meyer
 Kathryn Moore
 Evelyn Moritz
 Annette Muelchi
 Ellen Neuschaefer
 Leonore Neuschaefer
 George Neuman
 Vernon Penner
 Caroline Pieper
 Louise Pieper
 Samuel Pierson
 William Porzer
 Joseph Pulchlopeck
 Frank Puleo
 Helen Raemsch
 Dorothy Reynolds
 Wilbur Roake
 Margarette Salinger
 Carl Salisbury
 Warren Schoner
 Wilber Schreiber
 Helena Slawinski
 Edith Smith
 Elizabeth Smith
 Mary Smith
 Ruth Smith
 Leonard Snyder
 Gertrude Tate
 Gertrude Taylor
 Lauren Tuttle
 Robert Van Doren
 Maxine Weichert
 Alice Weiss
 Charles Weiss
 Marianne Welker
 Theron Williams
 Frederick Woodworth
 Archie Wykes
 Theodore Yasko
 Charles Zalenski
 Louise Zawiski

Helen Zawistowski

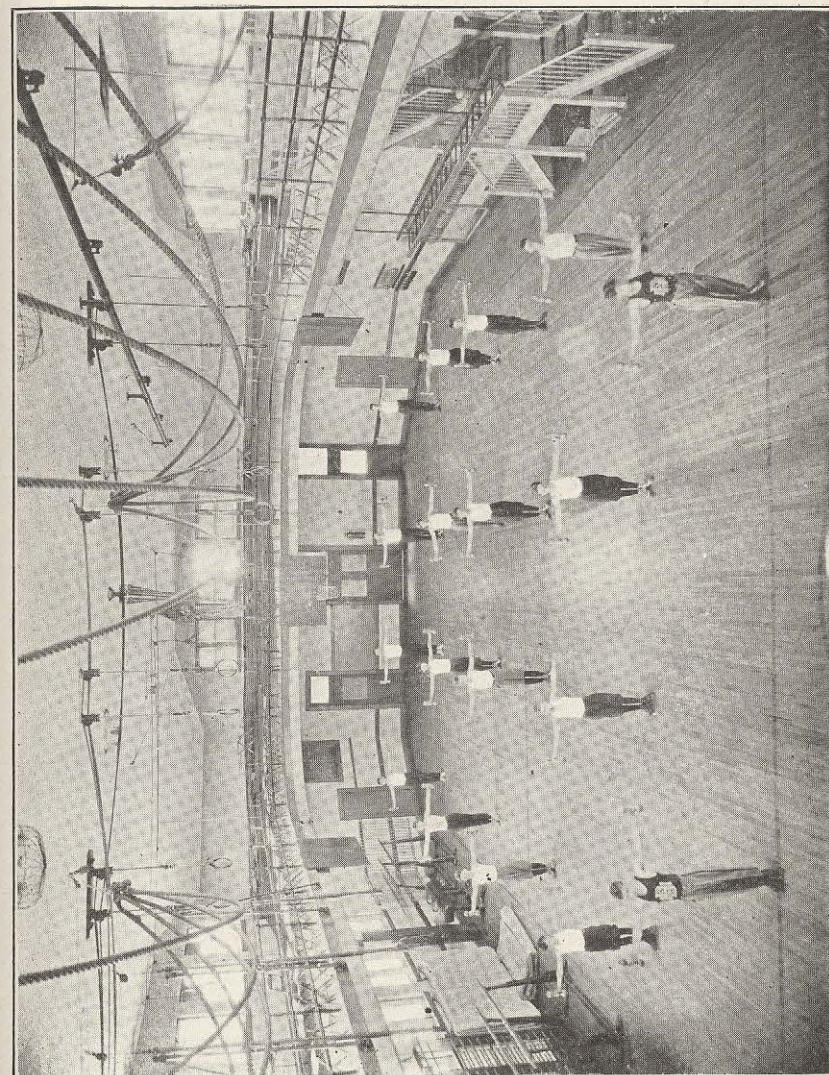
HIGH SCHOOL GRADUATES BY YEARS

Year	Diplomas	Year	Diplomas	Year	Diplomas
1876	11	1892	12	1908	18
1877	5	1893	18	1909	25
1878	5	1894	10	1910	14
1879	2	1895	15	1911	20
1880	No record	1896	12	1912	30
1881	No record	1897	8	1913	36
1882	No record	1898	8	1914	57
1883	6	1899	12	1915	56
1884	12	1900	9	1916	47
1885	8	1901	18	1917	53
1886	4	1902	13	1918	63
1887	13	1903	15	1919	53
1888	9	1904	17	1920	63
1889	10	1905	10	1921	77
1890	6	1906	19	1922	55
1891	15	1907	17		

LIST OF GRADUATES.

PARK SCHOOL.—JANUARY 31, 1922.

Mildred Adler	Ruth P. Johnson
Carlyle G. Adlon	Hazel C. Jacobus
E. Mais Atkinson	Bernard Jacobus
Carl B. Ask	Alexander Johnston
William K. Askin	Howard W. Kopf
William E. Aug	Ralph E. Kopf
Gladys S. Ayers	David Krohn
Margaret L. Baker	Lillian R. Kirby
Dorothy M. Beasley	Rebecca Lubin
Elizabeth M. Blain	Gladys E. Leonard
Gertrude M. Brockhoff	Alan J. Law
Amelia H. Brewster	Herbert G. Laird
Della J. Bryce	Glen B. MacNary
Virginia M. Bopp	Alice M. B. MacCauly
Thomas A. Bolten	Ruth A. McKee
Robert Beaumont	Paul T. McAlpine
Louise R. Carrell	Richard J. Maxwell
Gladys L. Charles	Raymond B. Mortimer
Mariog D. Conlong	Grace T. Mersereau
Joseph C. Cliff	Marion E. Mills
George L. Courter	Louise Mohr
Marion C. Cowan	Marion Morris
Victor Corraz	Mary M. Motin
George B. Cort	Lillian Newman
Henry Demmert	George J. Newman



HIGH SCHOOL GYMNASIUM EXHIBITION—DUMBBELL DRILL.

James P. Dennison
 Thomas Dyal
 David C. Daland
 Lillian B. Decker
 Dorothy I. M. Duncan-Clark
 Albert D. Egan
 Phyllis B. Eccles
 Doris E. Ernst
 Olive M. Faurot
 Catherine S. Fairweather
 Jessie M. Flynn
 Florence S. Friedman
 Lila F. Foote
 George T. French
 Helen Gordon
 Wanda Gostkowski
 Ernest A. Hambacker
 Jacob A. Hauck
 William E. Henderson
 James F. Hunt
 Mabel I. Haines
 Carol H. Haight
 Janet B. Hawthorne
 S. Irene Heckel
 Isabelle A. Huntchings

Fred W. Nield
 Anthony R. Nigro
 Robert B. Obreiter
 Evelyn I. Oberg
 Ernest W. Posse
 Jessica M. Ratcliffe
 Edythe J. Rappeport
 Catherine M. Ruvo
 Gordon T. Scovil
 John F. Shaul
 Alfred G. Smith
 Morris Silverman
 Stephen Sobraski
 Nettie Smith
 Harriet Lucia Todd
 Alice Tuers
 Hazel M. Taylor
 George G. Thompson
 Fred J. Todd
 Lauren P. Tuttle
 Thomas Wilkinson
 Theron D. Williams
 Elsie J. Walters
 Louise A. Zawish

HONOR ROLL.

Mavis AtkinsonBerkeley
 (Honor Pupil of Class)
 George T. FrenchCenter
 Mildred AdlerWatsessing
 Elizabeth BlainFairview
 Wanda GostkowskiBrookside

PARK SCHOOL—JUNE 22, 1922.

E. Carolyn Ayers
 Janet H. Ashworth
 Winifred E. Baker
 Alene E. Bell
 Doris M. Burnet
 Ruth H. Brown
 Ira C. Boughton
 Donald M. Benjamin
 Julia E. Bishop
 Ann V. D. Bender
 Harlo V. Bray

George J. Lauffer
 Walter J. Lawton
 Wallace G. Lott
 Helen M. Lombard
 Jack R. Lowery
 Alice M. Lyman
 Arthur P. Lyon
 Hazel McBride
 Helen MacDonald
 Helen McKay
 Augusta H. Mankowski

Herbert F. Carswell
 Howard C. Carter
 Concettina M. Caruso
 Walter M. Cheatle
 Alfred L. Christenson
 Aileen Corey
 Ellis B. Crane
 James M. Crump
 Grace Conley
 Edna Cunliffe
 Martha L. Davenport
 Germaine M. De La Fontaine
 Christine J. Dey
 Beatrice D. Dixon
 Emily Dyal
 M. Barbara C. Duncan-Clark
 Evelyn N. Ervin
 LeRoy N. Fletcher
 Harriet L. Ford
 Walter H. Franke
 Marguerite K. Fenstermacher
 Gertrude K. Friedlander
 Bessie R. Garlock
 Lillian M. Garabrandt
 Stanley V. Golas
 Dora Hankinson
 Dorothy A. Heath
 Ellen M. Hinds
 Hannah M. Hildebrandt
 E. Jane Holmes
 Dorothy E. Horan
 Earl S. Howland
 William Jacobus
 Ellen A. Johnson
 Aram A. Karas
 Elizabeth D. Karosen
 Robert E. Kennedy
 Jane E. Kilbourne
 Albert H. Koch
 William A. Koch
 Anna S. Kolb
 Alfred R. Krapp
 Lillian D. Kutcher
 Mildred A. Laird
 Bayard T. Lamborn

Adeline E. Marsters
 Ralph J. Matthews
 Edwin A. Miller
 Gordon E. Minehardt
 Catherine Moorman
 Helen C. Morgan
 Evelyn D. Oakes
 Francis J. O'Neil
 Marion G. Overton
 Anita L. Owen
 Lillie L. Picone
 Edward Riorden
 Lisa G. Roos
 Anthony J. Sanok
 Vincent D. Sadowski
 Frieda E. Schubert
 Margaret G. Scott
 Hilda B. Sarvent
 Marion G. Senior
 Alma E. Sempf
 Peter R. Sempier
 Franklyn R. Shaw
 Edward F. Shorter
 Marjorie J. Smith
 John Smith
 Charles E. Sommers
 Peter Sorge
 Muriel Speller
 Mildred M. Stumpf
 Herbert S. Scarholm
 Etta Schwedsky
 Edith A. Tait
 Marie A. Thompson
 Theresa K. Vales
 Wilfred C. Van Gieson
 Madelyn M. Vreeland
 James J. Waldron
 Helen S. Weiss
 Selma M. Weidle
 Helen M. Wiessmann
 Margaret S. Wilkins
 E. Carlton Winckler
 John E. Wrigley
 Irma B. Young
 Sigmund Zega

HONOR ROLL.

Aileen Corey	Berkeley
(Honor Pupil.)	
Howard C. Carter	Center
Bessie R. Garlock	Watsessing
Anthony J. Sanok	Fairview
Adeline E. Marsters	Brookdale
Margaret S. Wilkins	Brookside

PARK SCHOOL PUPILS HAVING PERFECT ATTENDANCE RECORD FOR THE YEAR 1921-1922.

Emily Dyal	Milton Scherr
Helen MacDonald	Ernest Zeim
Marguerite Fenstermacher	Amelia Romanowski
Charles Sommers	Evelyn Morris
Wallace Lott	Richard Magwood
Anthony Sanok	George Hager
Alan Brannigan	Kenneth Schulthess
Manuel Schafer	Elwood Van Dorn
Henry Yasko	Bessie Johnson
Wanda Cieslinski	Helen Weiss
Helen Courter	Stanley Golas
May Griffin	Ira Boughton
John Ruddy	Hannah Hildebrandt
Henry Bryce	Mildred Laird
May Kunz	Nettie Vangrowsky
Chester Koshinski	Edwin Barmore
John Kramer	James Caruso
Zachariah Price	Louise Jacobs
Adeline Marsters	Clifford Webber
Frieda Schubert	John Peterson
Marion Senior	Dorothea Wolff
Lillian Garabrandt	George Mitchell
Alma Sempf	Isabelle Jacobus
Ruth Stultz	Mary Ramaka
Helen Toennies	Howard Jaeger
John Ballamy	

ELEMENTARY PUPILS HAVING PERFECT ATTENDANCE RECORDS FOR THE YEAR 1921-1922. BERKELEY SCHOOL—No. 2.

Agnes Ashworth	William Krenrich
Leona Ellor	Stephen Ward
Alma Zelif	Delbert Francis
Esther Moritz	Frederick Dresch

Margaret Conway
Marion Clark
Constance MacDonald
John Kramer

Frederick Krenrich
Jack Wilkinson
Malcolm Freeman

BROOKSIDE SCHOOL—No. 3.

Joseph Calucci
Erika Dittrich
Amedeo Esandrio
Julia Ginter
Anna Hager
Robert Hopper
Teddy Jagacinski
Blanche Kamienski

Wanda Kolodziejski
Helen Mazur
Donald Peters
Frank Steinert
George Stienert
George Timki
Alfred Talamini
Wesley Zergiebel

CENTER SCHOOL—No. 4.

Louise Shaul
Grace Newport
Edith McKee
Myron Van Riper
Einuret Courter
George Lusk

Warren Mattas
Frances Porcelli
Gladys Chatterton
Eugene Laird
Edward Jaeger
David Ferguson

CARTERET SCHOOL—No. 6.

John Atkinson
Janet Clarkson
Thomas Didousis
John DeRiso
Mary Falcone
Phillippina Mustachio

Frank Mustachio
Joe Mustachio
Venera Pentacost
May Waston
Joseph Wastson
Andrews Peters

FAIRVIEW SCHOOL—No. 7.

Leonard Dimmick
Howard Meyer
Marie Heller
Katherine Hildebrandt
Mary Newbault
Paul Smith
Frank Sawk
Dorothy Mame
Ellen Williams
Catherine Bruggman
William Glass
Elizabeth Cadmus
Mildred Weiss
Emily Cunard
John Tuttle

Eva Johnson
Edward Miannecki
Antonio Mignone
Eileene Breuche
Geardo Migione
Margaret Zink
Fred Crane
Edward Gourski
Ruth Lewis
Charles Dedithsch
Robert Pieper
Edward Tuttle
Doris Durboraw
Margaret Lewis

WATSESSING SCHOOL—No. 8.

Ernest Dangle
Charles Zimmerman
Allan King
Chester Leonard
Florence Zalenski

Theodore Wilhelm
Josephine Zalenski
Ruth Ohlson
Madeline Wilhelm

TEACHERS, 1921-1922.

HIGH SCHOOL—No. 1.

(Broad Street and Belleville Avenue)

Edgar S. Stover	Vice-Principal
Anne M. Smith	English
Florence A. Fonda	English
Ina F. Decker	English
Alpheus D. Crosby	English and Elocution
Ralph W. Kunkle	English, History, Arithmetic
Katherine Williams	Library and English
Genevieve Crissey	Spanish and English
Maude C. Gay	Latin
Edson J. Lawrence	Latin
Angeline C. Hartz	French
Elsa D. Schubert	Algebra and French
James P. Haupin	Mathematics
Harry R. Koehler	Mathematics
Olive M. Terhune	Mathematics
Fred L. Andrus	Mathematics and English
Fern A. Dickerson	Science
Jessie M. De Hart	Science
Orton R. Smiley	Science
Otto J. Walrath	Science
Jerome G. Salsbury	History
John H. Halpin	History and Economics
Max Klein	Civics and Geography
Thomas W. Noel	Commercial
Marie J. Terrott	Commercial
Harry T. Thorpe	Commercial
Edith C. Russell	Gymnasium
William L. Foley	Commercial and Gymnasium
Josephine Bouton	Clerk

BERKELEY SCHOOL—No. 2.

(Bloomfield Avenue)

William B. Hargrove	Principal
F. Annette Whitney	Seventh Grade
Elizabeth B. Dwelle	Sixth Grade
Eunice P. Barnes	Sixth Grade

Stella M. Sheets	Fifth Grade
Beatrice I. Loughlin	Fifth Grade
Lydia E. Schwenk	Fourth Grade
Edna E. Roy	Fourth Grade
Mary E. Murphy	Third Grade
Gladys R. Barry	Third Grade
Doris F. Hamilton	Second Grade
Helen M. Booth	Second Grade
Ruth G. Thomson	First Grade
Flora T. Dann	First Grade
Mildred C. Nicholson	Kindergarten
Hazel M. Brown	Kindergarten
Norma A. Moore	Kindergarten
Stephen Chamberlain	Special

BROOKSIDE SCHOOL—No. 3.
(Essex Avenue and Baldwin Street)

L. Arvilla Martin	Principal
Wilhelmina J. Kentner	Sixth Grade
Edith M. Albinson	Sixth Grade
Mary M. Woodbury	Fifth Grade
Emily T. Slinn	Fifth Grade
Mabel G. Padgham	Fourth Grade
Helen B. Aspell	Fourth Grade
Grace R. Fisk	Third Grade
Dora Levine	Third Grade
Asta I. Hansen	Second and Third Grades
Ruth K. Scratchley	Second Grade
Mildred A. Raemsch	Second Grade
Margaret S. Rodgers	First Grade
Charlotte R. Koehler	First Grade
Anne Seymour	First Grade
Anna Feist	Kindergarten
Jeannette M. Higgins	Kindergarten
Olga B. Atchison	Special Class

CENTER SCHOOL—No. 4.
(Liberty Street)

Elizabeth Otis	Principal
Martha C. Raub	Seventh Grade
Emma E. Stevenson	Sixth Grade
Clara V. Farber	Sixth Grade
Clara A. Cruikshank	Fifth Grade
Catherine A. Reimard	Fifth Grade
Florence Svenson	Fourth Grade
Dorothy B. Clinton	Third Grade
Mary E. Lawrence	Third Grade

Emily L. Benoit	Second Grade
Grace C. Chandler	First and Second Grades
Stella H. Smith	First Grade
Alice Norbury	Kindergarten
Alice E. Bailey	Kindergarten

BROOKDALE SCHOOL—No. 5.
(Upper Broad Street)

Wray E. Sexton	Principal and Seventh Grade
Jennie V. Chinnick	Fifth and Sixth Grades
Ethel S. Taire	Third and Fourth Grades
Hazel K. Morris	First and Second Grades
Helen Klinefelter	Kindergarten

CARTERET SCHOOL—No. 6.
(Grove Street.)

Charles V. Wolverton	Principal
Beatrice B. Wainwright	Fourth and Fifth Grades
Minnie B. Aue	Third and Fourth Grades
Marie I. Porter	Third Grade
Edna M. Gillen	Second Grade
Ruth E. Carpenter	First and Second Grades
Vera C. Lamb	First Grade
Eleanor J. Durr	Kindergarten
H. Leona Smith	Kindergarten

FAIRVIEW SCHOOL—No. 7.
(Montgomery Street.)

Fred S. Bush	Principal
Elizabeth A. Sterling	Sixth Grade
Irene J. Overfield	Sixth Grade
Mabel Ackroyd	Fifth Grade
Ruth M. Ashbey	Fifth Grade
Edith E. Thomas	Fourth Grade
Lulu M. Aspell	Fourth Grade
Beatrice L. Freeman	Third Grade
Ella B. Shepard	Third Grade
Beatrice M. Wood	Second Grade
Carolyn W. Soutar	Second Grade
Ida E. Birdsall	First Grade
Kate B. Haupin	First Grade
Ruth V. Pratt	Kindergarten
Lena G. Forgy	Kindergarten

WATSESSING SCHOOL—No. 8.
(Prospect Street.)

Anna S. Agnew	Principal
Elizabeth A. Terry	Sixth Grade

Caroline M. Bliven.....	Sixth Grade
E. May Colfax.....	Fifth Grade
Mildred M. Wyker.....	Fifth Grade
Isabelle F. Lindsay.....	Fourth and Fifth Grades
Charlotte M. Quimby.....	Fourth Grade
Marie Biggart.....	Third Grade
Mabel E. Deuel.....	Third Grade
Ruth E. Struble.....	Second Grade
Madeline M. Noll.....	Second Grade
M. Estelle Dodd.....	First Grade
Elizabeth D. Clarke.....	First Grade
Helen A. Morris.....	Kindergarten
Nellie V. Harvey.....	Kindergarten

PARK SCHOOL—No. 9.
(Belleville Avenue, near Broad Street.)

Joseph C. Wilson.....	Principal
Mabel A. White.....	Eighth Grade
Grace E. Jones.....	Eighth Grade
Edith L. Beaty.....	Eighth Grade
Mabelle C. Howard.....	Eighth Grade
Anna Van Dyke.....	Eighth Grade
Delaphine Keeler.....	Eighth Grade
Florence J. Bailer.....	Music—Eighth Grade
Gurney T. Matteson.....	Eighth Grade
Mary J. Sloat.....	Seventh Grade
Adelaide M. Reeder.....	Seventh Grade
Jane M. Dunlap.....	Seventh Grade
Ruthaileen Gifford.....	Seventh Grade
Eva E. Adair.....	Seventh Grade
Frank J. Allen.....	Seventh Grade

OPPORTUNITY SCHOOL
(279 Glenwood Avenue.)

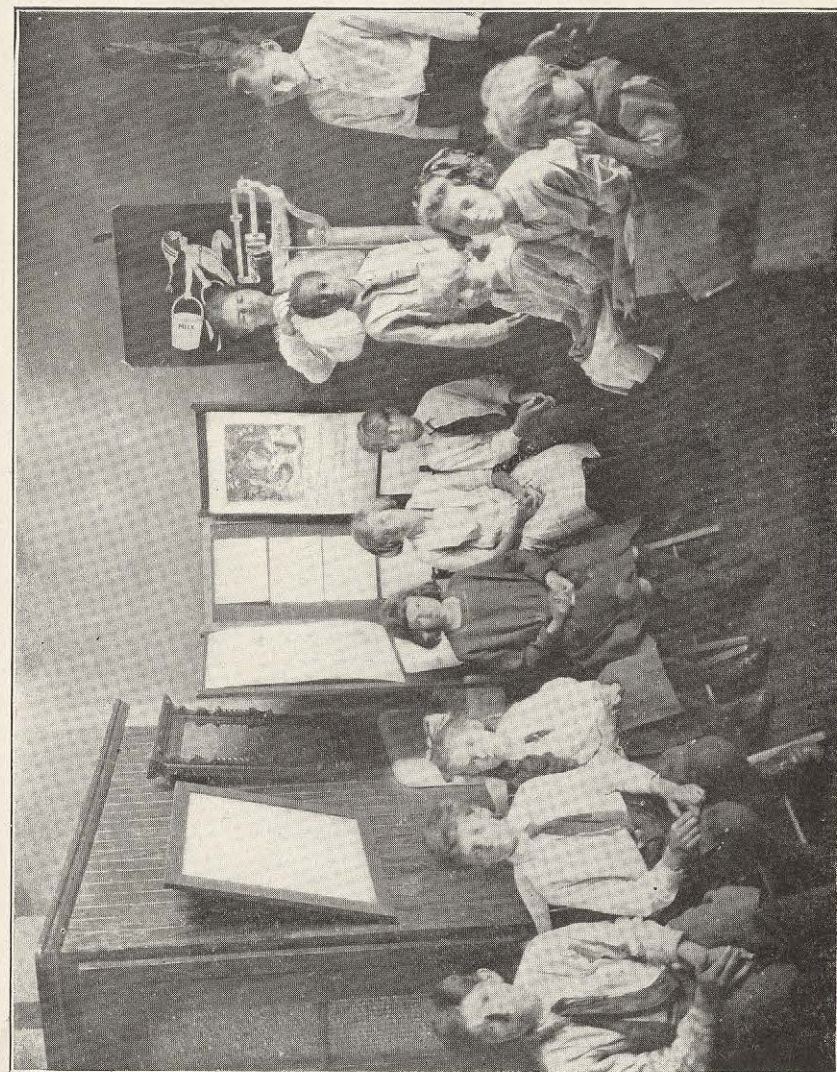
Maude L. Tuller.....	Special Class
Janet Duym.....	Special Class

SUPERVISORS.

Ida E. Robinson.....	Elementary Grades
Pauline Hatch.....	Physical Training, Elementary Grades
S. Frederick Smith.....	Music
A. Gartside Pennell.....	Agriculture

ART DEPARTMENT.

E. Ruth Palmer.....	Director
Anna P. Thomas.....	Assistant
Lorena E. Babbitt.....	Assistant
Anna M. Croll.....	Assistant
Louise H. Fish.....	Assistant



NUTRITION CLASS.

HOUSEHOLD ARTS DEPARTMENT.

Clara E. Schauffler.....Director
Clara N. Sutton.....Assistant
Bertha G. Drisko.....Assistant

MANUAL TRAINING DEPARTMENT.

Albert F. Koehler.....Director
Vivian H. Cady.....Assistant
Michael Frate.....Assistant
Lewis D. Grabow.....Assistant

MEDICAL INSPECTION.

Dr. Arthur G. Pilch.....Medical Inspector
Mae Gahagan.....School Nurse
Mary McGovern.....School Nurse

SECRETARY TO SUPERINTENDENT.

Jennie R. Weller.

ATTENDANCE OFFICER.

Frank W. Zeidler.

JANITORS.

No. 1. High School.....C. E. Conner
No. 2. Berkeley.....Alexander Yasko
No. 3. Brookside.....Joseph Gurney
No. 4. Center.....J. G. Martini
No. 5. Brookdale.....Wm. Sempier
No. 6. Carteret.....Jessie Catlon
No. 7. Fairview.....Victor Zawicki
No. 8. Watsessing.....Moses Bender
No. 9. Park.....John Krueger

BUILDINGS AND REPAIRS.

C. E. Conner.

BLOOMFIELD PUBLIC SCHOOL BOOK LIST

TEXT-BOOKS FOR ELEMENTARY GRADES.

1922-1923.

Readers:

The Standard Literature Series	Newson & Co.
Stories of the Red Children	Educational Publishing Co.
Treasure Island	D. C. Heath & Co.
Sure Pop and the Safety Scouts	World Book Co.
Peters and Brumbaugh Reader Series	Christopher Sower Co.
Safety First for Little Folks	Chas. Scribner's Sons
Story Steps	Silver, Burdett & Co.
Arlo, B. and E. Cobb	Hammert & Co.
Progressive Road to Reading Series	Silver, Burdett & Co.
Sunbonnet Babies	Rand & McNally
Overall Boys	Rand & McNally
King Arthur and His Knights	Rand & McNally
Robin Hood and His Merry Men	Rand & McNally
Hiawatha Primer	Houghton, Mifflin Co.
The Summer's Reader Series	Lloyd-Noble-Adams
The Dutch Twins	Houghton, Mifflin Co.
Baldwin and Bender Reader Series	American Book Co.
Peter and Polly Series	American Book Co.
Dramatic Reader for Lower Grades	American Book Co.
Dramatic Reader for Grammar Grades	American Book Co.
Story-Hour Reader Series	American Book Co.
A Child's Robinson Crusoe	Beckley-Cardy Co.
Elson-School Reader Series	Scott-Foresman Co.
Riverside Literature Series	Houghton, Mifflin Co.
Work-a-Day Doings on the Farm	American Book Co.
Horace Mann Reader Series	Longman's Green & Co.
Kipling Reader Series	Appleton Co.
Peter Pan	Silver, Burdett & Co.
Nature's Children	Houghton, Mifflin Co.
Bolenius Reader Series	Houghton, Mifflin Co.
The Early Cave Men	Rand & McNally
Story of Hiawatha	Educational Publishing Co.
Kendall Reader Series	D. C. Heath & Co.
A Watcher in the Woods	Century Co.
A Man Without a Country	F. A. Owen & Co.
Bunny Rabbitt's Diary Reader	Little-Brown & Co.
Hide and Seek in Forest Land	Appleton & Co.
New Barnes Reader Series	A. S. Barnes & Co.
Standard Classic Reader Series	Educational Pub. Co.
The Children's Method Reader Series	Hinds, Hayden & Eldredge Co.
The Silent Reader Series	John C. Winston Co.
Travels of Birds	Appleton & Company
Happy Jack	Little, Brown & Company
Little Boy Blue and His Friends	Little, Brown & Company
Wheeler's Graded Literature Series	W. H. Wheeler & Co.
Jack and Nell in Field and Forest	Public School Publishing Co.

Writing Books:

Palmer System of Writing	A. N. Palmer Co.
Lister's Muscular Movement Writing	The Macmillan Company

Arithmetic:

Complete Business Arithmetic	American Book Co.
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Brook's Mental Arithmetic	Christopher Sower Co.
Milne Standard	American Book Co.
Hamilton's School Arithmetic Series	American Book Co.
The Anderson Arithmetic Series	Silver, Burdett & Co.
Arithmetic by Grades	Hinds, Hayden & Eldredge Co.
Arithmetic Without Grades	D. C. Heath & Co.

Bookkeeping:

Metropolitan System of Bookkeeping	Metropolitan Book Co.
Primary Bookkeeping Sets	Ellis Publishing Co.

English:

Higher Lessons in English	Charles E. Merrill Co.
Progressive Composition Lesson Series	Silver, Burdett & Co.
Vital English	F. M. Ambrose & Co.
English Composition	Henry Holt & Co.
Hyde Series	D. C. Heath & Co.
Essentials in English	American Book Co.
Everyday English Composition	American Book Co.

Spellers:

Barnes' New Spellers	A. F. Barnes
Richards' Grammar Grades Speller	D. C. Heath & Co.
Essentials of Spelling	American Book Co.

Latin:

The First Year of Latin—Gunnison	Silver, Burdett & Co.
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Algebra:

Gilbert & Sullivan's Practical Lessons in Algebra	The Macmillan Co.
Hall & Knight's Algebra for Beginners	The Macmillan Co.

Geography:

Practical Exercises in Geography	Silver, Burdett & Co.
Home Geography for Primary Grades	Educational Publishing Co.
Brigham & McFarlane—Essentials of Geography Series,	American Book Co.

Deane's Geography of New Jersey	Silver, Burdett & Co.
Morris' Industrial and Commercial Geography	Lippincott
Haaren's First Notions of Geography	D. C. Heath & Co.
Home and World Series	The Macmillan Co.
A Brief Geography of Europe	Hinds, Hayden & Eldredge
Carpenter's Geographical Readers	American Book Co.
Carroll's Around the World Series	Silver, Burdett & Co.
Winslow's Geographical Series	D. C. Heath & Co.
Human Geography	John C. Winston Co.

History:

Barnes Elementary	American Book Co.
Montgomery's Leading Facts	Ginn & Co.
Thwaites & Kendall—History of the United States,	Houghton Mifflin Co.

Bourne & Benton—Introduction to American History,	D. C. Heath & Co.
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Our Ancestors in Europe	Silver Burdett & Co.
Builders of Our Country	Appleton & Co.
Our United States	Silver, Burdett & Co.
Otis' Colonial Series	American Book Co.
Our Country's Call to Service	Scott-Foresman Co.
Founders of Freedom in America	Hinds, Haydn & Eldridge

Civics:

Dunn's Community and the Citizen	D. C. Heath & Co.
Nida's City, State and Nation	The Macmillan Co.
Our Community Civics	J. C. Winston Co.

Outlines:

Pupils' Outlines for Home Study	Jennings Publishing Co.
Physiology and Hygiene:	
Conn's Series	Silver, Burdett & Co.
Dictionary:	
Webster's	American Book Co.
Concise Standard	Funk & Wagnall's Co.
Winston's Simplified	J. C. Winston Co.
Singing Books:	
Brewer Collection of Songs	Brewer Co.
Gaynor Song Book	John Church Co.
Progressive Music Series	Silver, Burdett & Co.
Junior Assembly Song Book	Laidlaw Bros., Incorporated
High School Assembly Song Book	Laidlaw Bros., Incorporated

HIGH SCHOOL TEXTS, 1922-1923.

English:

Halleck's History of English Literature	American Book Co.
Halleck's History of American Literature	American Book Co.
Painter's Introduction to American Literature	Sibley & Co.
From Chaucer to Arnold	The Macmillan Co.
Vision of Sir Launfal-Lowell	Longmans Green & Co.
Law's English for Immediate Use	Century Co.
Cohen's One-Act Plays by Modern Authors	Harcourt Brace Co.
Modern Essays—Christopher Morley	Harcourt Brace Co.
Theme Building by C. H. Ward	Scott, Foresman & Co.
Practical English for High School by Lewis & Hsieh	American Book Co.
Brook's English Composition I and II	American Book Co.
Woolley's Handbook of Composition	D. C. Heath & Co.
Chew's Practical High School Speller	Allyn & Bacon Co.
Oregon Trail	Ginn & Co.
Quentin Durward	Ginn & Co.
Silas Marner	The Macmillan Co.
Odyssey	Merrill & Co.
Sir Roger de Coverly Papers	Sanborn & Co.
Heydrick's Types of the Short Story	Scott-Foresman & Co.
Franklin's Autobiography	The Macmillan Co.
Burke's Speech on Conciliation	Longmans & Co.
Gauss' Democracy To-day	Scott-Foresman Co.
Macaulay's Life of Johnson	D. C. Heath & Co.
Carlyle's Essay on Burns	Sanborn & Co.
Irving's Life of Goldsmith	Ginn & Co.
Selections from Lincoln	Longman's & Co.
Washington's Farewell Address and Webster's Bunker Hill Oration	American Book Co.
Julius Caesar	H. Holt & Co.
Macbeth	Merrill & Co.
Merchant of Venice	Merrill & Co.
Midsummer Night's Dream	Silver, Burdett & Co.
As You Like It	H. Holt & Co.
Arnold's Sorab and Rustum	Longmans, Green & Co.
Milton's Minor Poems	The Macmillan Co.
Robert Browning's Poems	H. Holt & Co.
Goldsmith's Deserted Village	The Macmillan Co.
Coleridge's Ancient Mariner	Sibley & Co.

Idyls of the King	Ginn & Co.
Democracy To-day	Scott-Foresman Co.

French Texts:

Fraser & Squair's French Grammar	Ginn & Co.
Aldrich & Foster's Elementary French	Ginn & Co.
Marique & Gilson's French Composition	Ginn & Co.
Bruce's Grammaire Francaise	D. C. Heath & Co.
Snow and Lebon's Easy French	D. C. Heath & Co.
Simple French by Francois & Giroud	H. Holt & Co.
Short Stories for Oral French by Ballard	Scribner & Sons
Merimee's Colomba	D. C. Heath & Co.
Racine's Esther	D. C. Heath & Co.
Hugo's La Chute	D. C. Heath & Co.
La Cigale chez les Fourmis	American Book Co.
La Poudre aux Leux	American Book Co.
L'Abbe Constantin	H. Holt & Co.
Le Siege de Paris	D. C. Heath & Co.
Conscrit de 1813	H. Holt & Co.
Le Bourgeois Gentilhomme	Ginn & Co.
Pecheur de Island	Ginn & Co.
Le Voyage de Monsieur Perrichon	H. Holt & Co.

Latin:

First Year Latin—Collar & Daniel	Ginn & Co.
D'Ooge's Cicero	Sanborn & Co.
Knapp's Virgil	Ginn & Co.
Allen and Greenough's Latin Grammar	Ginn & Co.
Allen and Phillip's Latin Prose	Allyn & Bacon
Bennett's Latin Grammar	Allyn & Bacon
Gunnison and Harley's Caesar	Silver, Burdett & Co.
Place's Beginning Latin	American Book Co.

French:

Francois' Introductory French Composition	American Book Co.
French Composition—Carnahan	D. C. Heath & Co.
West Point	D. C. Heath & Co.
Elements of French—Moore & Allen	Scott-Foresman & Co.
Francois' Advanced Prose Composition	American Book Co.
Dumas' La Tulike Noire	D. C. Heath & Co.
Cornille's Le Cid	D. C. Heath & Co.
Lotis' Le Pechaur d'Islande	Ginn & Co.

Spanish:

De Vitis' Spanish Grammar	Allyn & Bacon
Hall's All-Spanish Method	World Book Co.
Alarcon's Novelas Cortes	Ginn & Co.
Waxman's A Trip to South America	D. C. Heath & Co.
Spanish Commercial Correspondence	D. C. Heath & Co.
El Espanol Commercial	M. D. Berlitz
Elementos de Espanol	B. H. Sanborn & Co.
Espana pintoresca, by C. Marcial Dorado	Ginn & Co.
El pajora Verde, by Valera	Allyn & Bacon

History:

Webster's Ancient History	D. C. Heath & Co.
Essentials of European History, Knowlton and Howell	Longman & Co.
Our Economic Organization—Marshall & Lyon	MacMillan Co.
Muzzey's American History—Revised Edition	Ginn & Co.
Community Life and Civic Problems, by Hill	Ginn & Co.

Community Civics, by Hughes..... Allyn & Bacon

Mathematics:

Milne's Standard Algebra American Book Co.
Wells' Algebra for Secondary Schools..... D. C. Heath & Co.
Stone-Millis Plane Geometry Sanborn & Co.
Wentworth-Smith Plane Ginn & Co.
Wentworth Plane and Solid Geometry..... Ginn & Co.
Granville's Trigonometry Ginn & Co.
Wells' College Algebra D. C. Heath & Co.

Science:

Hunter's Civic Biology American Book Co.
Physics, by Smith, Tower & Cope..... Blakestones Co.
Household Physics, by Breshner Allyn & Bacon
Newell's General Chemistry and Manual..... D. C. Heath & Co.
Chemistry of Common Things, by Brownlee and Others..... Allyn & Bacon
Newell's Chemistry D. C. Heath & Co.
Milliken and Gale's Physics Ginn & Co.
Lynde's Physics of the Household..... The Macmillan Co.
Smith & Van Buskirk, Science of Every Day Life,
Houghton Mifflin Co.

Commercial Text:

Bookkeeping and Accounting, by McKinley..... South Western Pub. Co.
Bookkeeping and Accounting, by Lyon Lyons & Carnahan
New Modern Illustrative Bookkeeping, by Rittenhouse,
American Book Co.
Expert Typewriting, by Fritz-Eldridge..... American Book Co.
Rational Typewriting, by Cutler and Sorelle..... Gregg Publishing Co.
Pitman's Shorthand Pitman & Sons
Sign of the Four Pitman & Sons
Rowe's Commercial Law H. M. Rowe & Co.
Van Tuyl's Essentials of Business Arithmetic..... American Book Co.
Brigham's Commercial Geography Ginn & Co.
Elementary Economics, by Thompson..... Benj. H. Sanborn
Business English, by Hotchkiss and Drew..... American Book Co.
Words, by Sorelle and Kitt..... Gregg Publishing Co.
Palmer Penmanship A. N. Palmer
20th Century Bookkeeping South Western Pub. Co.
Bookkeeping and Accounting H. M. Rowe Co.

Mechanical Drawing:

Shop Sketching, by Windows Bruce Pub. Co.
Problems of Mechanical Drawing, by Bennett..... Manual Arts Press
Applied Mechanical Drawing, by Mathewson,
Stewart-Taylor, Holden Co.

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